AUGUST 83
K4AO R.B. MURPHY - 25 JULY 83

COMING EVENTS

Jacksonville Hamfest, Aug. 6 & 7th
Melbourne Hamfest, Sept. 10 & 11th.
Tampa Hamfest, Nov. 12th.
Clearwater Suncoast Convention, Nov. 26-27.
Please send dates early. See elsewhere for Hamfest details. Thanks. Editor

[redacted]

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VOL. 27 NO. 3 THE ALL-FLORIDA AMATEUR RADIO AMATEUR'S PUBLICATION August 1983 Price 50 cents

HAM RADIO TO FLY ON STS-9

When Spacelab, an international scientific research facility orbits the earth this fall on its first mission aboard STS-9, there will be more than one communications network in touch with its crew.

Dr. Owen Garriott, a NASA mission specialist astronaut and amateur radio operator, will use a hand-held radio during part of his off-duty time to communicate with some of the thousands of "ham" radio operators around the world. Garriott's call sign is W5LFL.

Original proposals to place an amateur radio transceiver aboard an orbiting U.S. spacecraft surfaced when NASA was about to launch Skylab in the early 1970s. NASA rejected the plan, then dubbed SKYLARC (for Skylab Amateur Radio Communications) because it came too late in the development of the program.

Space Shuttle flights presented another opportunity. The American Radio Relay League (ARRL) and the Amateur Radio Satellite Corp. (AMSAT) jointly requested that NASA supply a small transceiver to be carried by Garriott, a ham operator since his teens.

NASA accepted the proposal with the stipulation that the plan would not interfere with mission activities and that safety requirements were met.

Crew members aboard the Spacelab 1 flight will work on a 12-hour-on, 12-hour-off schedule Use of the transceiver will be limited to one hour a day.

All "ham" radio operations for STS-9 will be in the two-meter band. Transmissions will be in the range 145.51 MHz to 145.77 MHz FM. Reception will be in the range 144.910 to 145.470 MHz FM. Twenty kilohertz steps will be used to both transmit and receive.

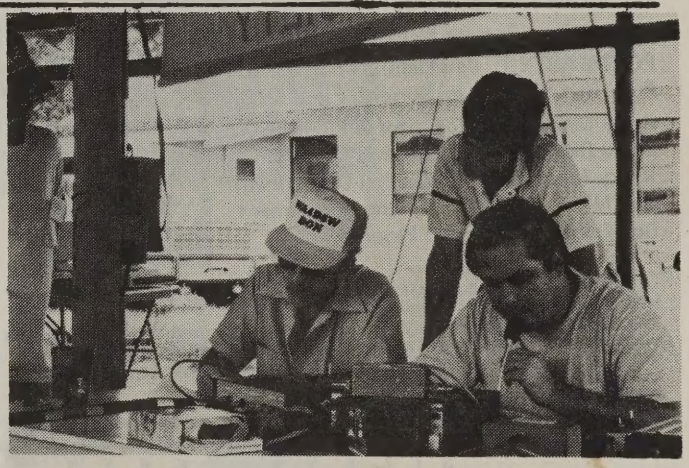
The radio will be operated from the aft flight deck of the Space Shuttle orbiter Columbia, which is carrying the Spacelab in its cargo bay.

The transceiver itself will be a battery-powered unit capable of five watts of output. The printed-circuit antenna will be placed in the upper crew compartment window on the aft flight deck.

Garriott will wear the standxrd in-flight headset when operating the radio.

Most of the earth's land mass will be within line-of-sight transmissions of the spacecraft during a typical day. The Spacelab 1 mission will have an orbital inclination of 57 degrees. The times when Garriott will communicate with "ham" operators will be announced later.

"Amateur radio is a valuable national, even international asset and it is certainly appropriate that Spacelab be used to demonstrate this capability," said Garriott, who will operate Spacelab 1 systems and conduct many of its experiments during the mission. "I look forward with great enthusiasm to brief conversations with as many of my fellow hams around the world as our work schedule will permit." (VIA HENRY FELTON, WA4HXZ)



The Tallahassee Amateur Radio Society went all out for Field Day this year. Sweating out contacts we have L to R: KA4DCD, WA4DSW, KA4RGA and WN4IIV on the SSB station. Check QST for total scores. (Photo by Pat Terrie WA4FAL.)

FLORIDA HAMS INVOLVED IN RESCUE OF SUBMERGED VEHICLE OCCUPANTS

By Wimpy Wimberley, KB4LB,
DEC East Central Florida ARRL

On April 22nd at about 3 p.m., Frank Ambrose, N4CWJ and his wife Barbara, KC4CE were travelling east on Florida highway 46 between Sanford and Mims when they spotted a pick-up truck which had left the road and gone into a water-filled ditch. The cab of the truck was in the water. The two hams stopped to investigate and discovered that a family consisting of a man, his wife and small children were in the cab and in danger of drowning as the truck was settling into the mud.

Frank had his two-meter rig in his car, so he called for help through WB4CGW/R (146.13/.73) in Sanford. Bill Irwin, K3CQR, responded, determined the nature of the emergency and contacted local rescue through the autopatch facilities of N4CQQ/R (144.77/145.37 mHz). Help reached the scene and all the occupants were pulled to safety within 12 minutes! They were taken to a local hospital for treatment of minor injuries and general examination. All are doing well.

This points out two major items. (1) Amateur radio is an important tool for saving lives on the highway and (2) Repeaters with autopatch capability can play an important role in emergency situations. My sincere thanks to N4CWJ and K3CQR for their willingness and quick thinking in this situation.

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DEADLINE: 8th of month in P.O. Box 501, Miami Springs, FL 33266

SILENT KEYS

We are deeply sorry to report the passing of the following amateurs. May they R. I. P.

W4AAT	Willie Plante	Miami Springs
WB4PIB	Walter A. McLennan	Sarasota
K4JLF	Warren Erzel	Largo
K4BVS	Nelson C. Warner	Sun City Center
WA4FYZ	Gary H. Toncer	Miami
K4GMA	Paul E. Hillard	Mt. Dora
WA4HJA	Fred B. Colvin	Bradenton
WB4KYG	Ed Reichelderfer	New Port Richey
WB4YTA	Frank Baque, Jr.	Miami

NEW ZIP FOR FLORIDA SKIP

Please note Change of address for Florida Skip P. O. Box 660501, Miami Springs, FL 33266. Please do NOT use our street address. Editor.

FLORIDA REPEATER MAP

The only one of its kind. The third edition of the Florida 2 meter repeater map is off the press! ! A beautiful job by Editor, Bill Tucker W4FXE. Each city has it's own box with frequencies listed therein. There is another list by frequency along the side. Map is printed on 11 X 17 inches, black on light yellow, easy to read, 20 pound bond paper. We are keeping price down to only 25 cents each with your No. 10 (business size) envelope self addressed and stamped. Send to: Map, Florida Skip, Box 501, Miami Springs, FL33266

GUEST EDITORIAL

The OFPGS has struck again! It has infiltrated the ARRL Board, causing anathema to be declared against the no-code proposals of FCC Docket 83-28. It dominates QCWA which, with quivering jewels, equates the code with God, home and mother. It is time to unmask this shadow Society, which, like the Mafia, wields influence far beyond its actual strength.

The sanitized translation of the OFPGS acronym is: "Old Fogies Pearly Gates Society," and includes those long-in-the-tooth who still relate to the vacuum tube and discrete parts. They fondly recall ham radio of the 30s, 40s and 50s as the halcyon years.

In my youth, the Society advocated keeping a crank under the front seat of the flivver after the self-starter was invented; they refused to discard the ice-box after the first Frigidaire graced their kitchens; and they preserved their out-door privies long after Sir Thomas Crapper's beneficence was installed indoors — all these prudent safeguards JUST IN CASE! Today's ukase by OFPGS is: "Keep that key handy and ready to pound brass, sonny — JUST IN CASE!"

Most Society members are retired and have more time to make like Chicken Little on the ham bands (mostly phone). "By gum, I learned the code the hard way, and so should anyone else who wants a ticket." To the credit of OFPGS, many of them are dedicated CW operators and I salute their skill. And CW will always be around for them and others so inclined.

ARRL and QCWA have been reacting to the views of the Society as "mainstream" opinon. Unhappily, the "mainstream" as in many other endeavors is usually outnumbered by the "silent majority" — the latter perhaps deserving the distorted consequences. But not to worry. OFPGS by-and-by will QSY to the Great Ham Shack In The Sky. Ham radio will be in the capable hands of this bright new breed of young people, with their AMTOR, packet radio, computers, etc. and about Docket 83-28 and the code? As my old grandma used to say: "It won't make no never-mind."

Spencer Allen, K0REC
Spaceport Chapter, QCWA
Cocoa Beach, FL 32931
(6401 Azure Lane)

TO THE EDITOR

Dear Andy and Staff:
Happy Birthday to Florida Skip on its 26th year of excellent service to the Ham fraternity. I am happy to share birthdays with you this June, the Good Lord willing, I'll have my 82nd on the 19th. Less I forget, a nice pat on the back to you all, for that fine New Type Face on your Hambars. By all means, please continue the New Type Face, as a lot of us old timers, need all the reading aids that we can get and I want to assure you, that we all sure do appreciate it. Thanks.

73,
Charles F. Lovely (KE4HK)
Route 2, Box 397C
Kingston, Tn 37763

•

Dear Andy,
Enclosed is a sample of my bi-weekly JOURNAL/20, advertisement, and check.
Richard Myers (my Contributing Editor) and I are both amateurs, and we address amateur radio and computer subjects balanced with what we know all users (amateur and non-amateur) will find educational and entertaining. Our past issues have included CW transmit programs, interface schematics, RTTY and BAUDOT information and the like. Planned are a CW receive upgrade for the transmit program, a VIC-20 RTTY interface, and news of "PACKET" and "AMTOR".
I appreciate this opportunity to reach your readership.

73,
Mike Apsey - W5VKC
Editor & Publisher
Box 1149
Van Alstyne, TX 75095

•

Dear Andy,
Enclosed is an article on packet radio that I wrote. I hope that you can use it in an upcoming issue of Florida Skip. Please feel free to edit it as required for publication.
I think there is an interest out there in packet radio, so maybe this will help fill the void. We sure could use some more activity. If we could get stations on every 50 miles or so, we could start linking them together and have quite a network.
Best wishes to you and your family.

73,
Ted Huf, K4NTA
Stuart, FL

• Letters QSY P. 22

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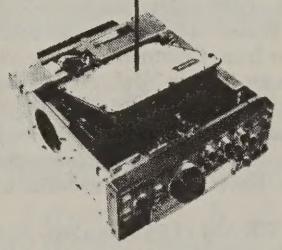

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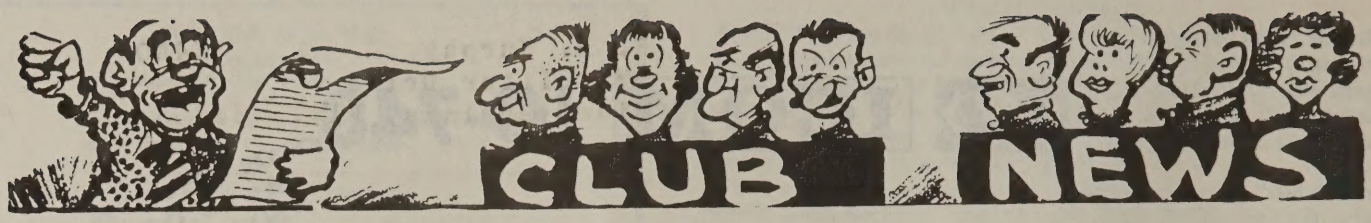

PANAMA CITY A.R.S.

By Bette Vietinghoff, N4FEO

Good weather was a blessing on May 29th when the Panama City Amateur Radio Club held their annual picnic at the Falling Waters State Park south of Chipley. With nearly 100 hams attending, they and their familes enjoyed a full day of fun, relaxation and just plain 'foolin' round'. Attendance was from as far away as Enid, Okla. and as close as Marianna. After dinner on the grounds, everyone gathered for the drawings of prizes so generously donated by many fine merchants in Panama City and surrounding area. The event was emceed by John Henry Kelly, KM4O of Tampa, Fla. Awards were given for the youngest ham in attendance; Shawn Faria, KA4MLH, (daughter of Bob Faria, K04Z), age 12; the oldest ham attending, Lionel Wood, KB4CUJ, age 80; and the ham that traveled the furthest — won by Wayne Holloway, WD5FTZ of Enid, Okla. However, the award that drew the most attention was the "Spoof" award for the 'Oogliest Ham'! There was light-hearted camaderie among the six or seven who vied for it. This award, held previously for the first time by Jimmy Adams, K4KHV of Marianna, was won this year by Jack Fowler, K4LYY, of Black, Alabama. Jack had a hard time convincing the judges and those attending that he should win this coveted award but in the long run, prevailing over all odds with a baseball bat, he convinced everyone that the title should be his. Unfortunately, there were no pictures of the winner so the reader must use his own imagination. Rumor has it that next year's recipient has already been chosen. The reason — each year's contestants get to name their choice for the following year. Sounds like 'gang-up' time to this reporter. After the awards were given out, over 100 prizes were distributed from the drawings. Climaxing the ativities of the afternoon were the drawings of the winners of the top 3 prizes. First prize of $100.00 was won by Virginia Lentz, a visitor from Columbus, Ga. Second prize, a $50.00 savings bond was won by Esther Hiet of Panama City, and third prize of $25.00 was won by Allan Farr, N4DQB, of Ft. Walton Beach, Florida. The club netted approximxtely $500.00 which is earmarked for maintaining the repeater and autopatch equipment. The club is already making plans to have a bigger and better affair next year.

CLEARWATER AMATEUR RADIO SOCIETY

By Eli Nannis, K4JMH

Our club held its first meeting at the Morton Plant Hospital, Clearwater on June 9th. The meeting was held in the Tuttle auditorium, a very large spacious room. We are going to be given a permanent room for a radio station. If any of our members get sick during the meeting, he hasn't got far to go for assistance. Our guest speaker was Mike Stilp of the solar systems for electrical power. Some day in the near future, our H.T.'s will be powered by solar cells fastened on our clothing. Our 2 meter repeater is still out of service waiting for parts.

The Clearwater Beach Sertoma Club donated $75.00 to the Sheriff's Youth Ranch in our name for our help in providing communications at the Sertoma Regional Convention. Many of our members are helping to teach ham radio to the youngsters at the ranch and they now have a station set up. Our club held Field Day at the Largo Recreational area. A number of long wire antennas were installed and a 30 foot tower was raised and a 40 meter 3 element beam was put on top which was a great feat by a couple of very nimble members. Two gasoline generators delivered the necessary power. The usual problems presented themselves during the 24 hour period but they were all solved in one way or another and it was a fairly successful operation. We recieved quite a bit of publicity in newspapers and TV stations. We welcomed a new member, Carol Jefferies, KB4CHU.

ST. PETERSBURG AMATEUR RADIO CLUB

By Cathy Soehl, W4BAV/ARNS

SPARC had no meetings during July, as well as the SPARC Repeater; also there will not be a SPARC-GAP published in August.

N4BGS-Sam & YF-Betty, left June 30th, for a trip to Norway, Sweden & Denmark. Have fun, Folks; we'll be looking for you back.

KO4J-Joni Kusmulyana enjoyed a visit from his Mother-Tena, who returned home to Indonesia recently, with wishes for a safe & pleasant trip home, from us all.

WD4JXL-Jac has a "ham family", as YF & Harmonics received the following calls: WB4FDW-Patricia; WB4FDX-Jeannette; WB4FDY-Julie; & WB4FDZ-Jac Jr. Congratulations to all. Jac, consider offering a family certificate. Hi!

K4IGI-Al left June 6th for Vermont. Hope you had a good trip & better weather than TV reports. Hi!

K4ISS-George planned to transport 2000-ft. PBC pipe up US 19, to his Pasco QTH, on top of his car. Hope you made it, George. Did not hear the results. Hi!

WA4QGV-Bud has numerous troubles, preventing running the Net Monday. Suffers from laryngitis occasionally, etc. He did suffer a pulled groin muscle recently, but did not let that stop him from running the Net. Bud, hope you will be careful & not give WB4UFO-Lynne so many worries also.

Don't forget the SPARC Repeater Net every night at 6:30 PM as well as the Emergency Nets, etc.

FLORIDORA YLS

By Cathy Soehl, W4BAV/ARNS

W4GXZ-Blanche did a "yoeman's job" on the Summer Newsletter & Roster. **PLEASE** note the ballot for PROPOSED changes, etc. will be in the next Newsletter; therefore, dues for 1983 are still $2.00 for 1983; so IF PASSED, $3.00 dues will be effective for 1984.

K4CSC-Edna Wentworth's address is: 2655 Nebraska Ave., Palm Harbor, Fla. 33563.

WB4PHL-Leah sent in her dues & advises she has passed her General Class License. Congrats, Leah, hope to hear you on the Net.

KB4AOO-Jane & OM, WB4AID-Al off to a sighseeing trip of the Western States. Good luck & have fun.

K4DDK-Alice passed her Extra Class & attended the YLISS Convention in June.

N4HYL-Alice requests her N.C. Zip corrected to 28806. She is enjoying vegetables from her garden, plus 13 gal. of strawberries she is freezing, etc. for next Winter. More power to you, Alice.

KA4VXG-Sylvia & OM, KA4HXL-Bill off on vacation trip to Flat Rock, N.C. Good trip, have fun & hurry back, Folks!

W4WYR-Evelyn, sorry to hear of your severe "bout" with the "bug", causing you to lose your voice for a time. Hope all well.

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N4BZG-Sheila, from whom we had not heard for long time, reports she lost her Dad, Nov. '82 & her Mother Dec. '82. Condolence.

KA4MEW-Winona active in organ club. OM-Ed glad to be back in Fla., after visiting his Sister, in Tucson, Ariz. where was **HOT**.

WA4BMC-Bertha ("Big Mike"), how are you doing? Long time no hear. Hope all is well with you & still hamming a lot.

NORTHERN FLORIDA NEWS
By Billy Williams, N4UF
SM N. FLA. ARRL

Field Day '83 activity in Northern Florida was again very heavy and very competitive. Messages received from W4IZ, W4WWW, AA4PT, W4DU, KY4F, AJ4L. The Silver Springs Radio Club W4WWW ran 11 rigs and did very well. The North Florida Amateur Radio Society W4IZ entered 7A and may have set an all-time club QSO and point record despite erratic bands. Thanks to WB2CPV, the W4IZ operation received prime time news coverage on two Jax stations which showcased amateur radio's role in an emergency. A big factor in the widespread support of Field Day is the competitiveness. While some do not care for the contest angle, the fact is that Field Day is the largest single operating event of the year in terms of the number of hams involved. Non-competitive exercises such as SET have very poor participation in comparison. Thanks to W4IYT and **Florida Skip** for their part in sponsoring the two beautiful Field Day trophies which are awarded each year at the Tropical Hamboree in Miami. Results of Field Day are expected in November QST and the awards will be made in February. The top single transmitter and top multi-transmitter operations receive trophies from **Florida Skip.**

New officers of the Orlando Amateur Radio Club are John Beach, KA4WMX (President); Rusty Pike, KD4NT (VP); Wade Murdock, KF4JV (Secretary); Allen Burnett, W4UFY(Treasurer); Board members include WE4C, KY4F, WD4ORO & N4FPA. Editor of the newsletter is Sandy Huber, N4FJD.

The Daytona Beach ARA 147.75/.15 repeater is being outfitted with a new computerized control system but will be fully operational in a few days. N4BRJ had write up in the Daytona newspaper about his activities including amateur radio.

The Gulf Coast ARC meetings return to normal schedule in September. Sumer meetings of that group are on an informal basis. The club's annual picnic/cookout at Brooker Creek Park was a big success. BARS RFI/TVI coordinator KF4IG is not too busy these days. W2KGI is BARS education chairman and is planning novice and upgrading classes for fall.

Unfortunately, I have not been able to make many hamfests and club meetings this year. Under a very unfair formula based totally on population, our travel in Northern Florida has been cut 75%. Other sections such as NYC and LA are rolling in funds while some Southeastern Division sections are almost shut down now due to lack of funds. Unfortunately, our representative to ARRL HQ (Directors and committee members) were very weak. They were told by myself and several other SMs last year about the unfairness of the allocations but chose to ignore our input. Now HQ has awakened to the fact there is a problem and is asking for other funding formulas. One based on population and area must be instigated. So hopefully, I will be able to leave Jax in the future and visit more club meetings and hamfests. More important, our leadership officials such as SEC STM PIO etc., will be able to conduct league business again instead of just being figureheads. We have a very intricate net system and emergency communications organization and it just doesn't seem fair that it be choked off while other sections are having excess funds. Again, I think we need effective representation on the Board of Directors to prevent this in the future.

We as members are promised increased ARRL activity under the new Section Manager concept and thus far all we have received is a 75% funding loss. The fact is that funds are limited but what is available should be distributed fairly so the most good can be done.

Jimmy Stewart, WF4Y, has been elected Net Manager of the Northern Florida Phone Net (NFPN) succeeding Jerry McCabe, KF4GZ, whose one year term expired June 30th. Thanks to Jerry for a great job. Karm McCabe, KF4HA, finishes her one year term as NM of the Tropical Phone Traffic Net after doing an excellent job. The new NM of Tropical is KF4YE of Melbourne. Walt Sebastian, WA4QXT, wrapped up his one year term as NM of QFNS, The All Florida Slow Speed Traffic Net and was succeeded by KA4AMC. Thanks to Walt for a FB term.

Here L to R: Paul Turner W1DLP pres. of Gator QCWA chapter presenting Ernie Grant W1GJZ with a 50-year continuously licensed certificate, a 55-year certificate to James Clarke N4BQC and a 50 year continuously licensed certificate to Eli Nannis K4JMH. W1-GJZ and K4JMH also received 50-year-certificates.

TAMPA AMATEUR RADIO CLUB, INC. — W4DUG
By "Cy" Connolly, W4DVO

Field Day at WA4JWW's, Lutz, was a memorable one! A joint one with HillsboroARS, our sister Club, located in North Tampa. One thousand contacts were made by three stations: 'Phone, C.W. and Novice.

Club QSY -P. 1(

Coming Nov. 14, 1983

Ham Radio & Computer Fest

Saturday — 8 'til 8
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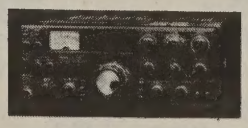

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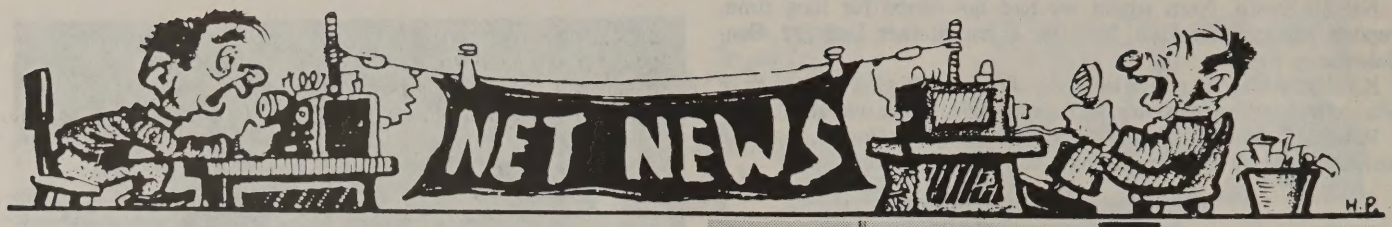


TROPICAL PHONE TRAFFIC NET
By Karm McCabe, KF4HA

With the close of my term as TPTN net manager, I would like to thank all the members of the net who have helped and supported me during the past year. I had alot of fun with it and wouldn't have missed the experience for anything. I just hope you will all give Jerry, KF4YE, your new manager the same consideration, help, and respect as I received.

No new stations were added to the roster in June. Many were on vacation: WB4ADL, K4EUK, AA4FG, W4GUJ, and WD4EQB. K4ZK, Bill of Jensen Beach checked in quite a bit and AA4BN, Jim of Clewiston checked in several times with ARRL Official Bulletins.

High checkins in June: N4GDT 27, KF4HA 25, KD4KK 24, KA4GUS, WD4MLQ & KA4NXF 23, W4BCZ, WA4FGH, K4FQM & WA4PFK 22, WD4HBP & WB4ISZ 21, WB4CDQ, KC4FL & WA4QXT 20.

Thanks again for a great year. Hope to see alot of you at Jacksonville Hamfest, August 6 & 7. 73/88.

TPTN meets daily at 2100Z on 7273 kHz. Everyone Welcome!

TRAFFIC HOUNDS — JUNE 1983
By K4ZK

NET	QNI	AVG.	QTC	AVG.	SESSIONS	MANAGER
FMTN	992	33.1	637	21.2	30	WB4AID
QFN	886	14.8	543	9.1	60	WD4AWN
GN	424	14.1	319	10.6	30	KF4U
FPTN	874	29.1	202	6.7	30	WB4WYG
NFPN	968	32.3	162	5.4	30	KF4GZ
TPTN	662	22.1	160	5.3	30	KF4HA
SVTN	579	19.3	147	4.9	30	KB4LB
FAST	542	18.0	144	5.0	60	WD4HHH
SWFTN	755	29.0	132	5.1	26	WK4F
FPON	467	15.6	68	2.3	30	WB4GCK
SEFTN	545	28.2	68	2.3	30	KA4GUS
QFNS	185	6.2	56	1.9	30	WA4QXT
FMSN	307	10.6	45	1.6	30	W4ESH
VEN	341	11.3	45	1.6	30	W4LDY
PEN	243	10.1	40	1.6	24	W4GPL
DEN	128	25.6	7	1.4	5	KA4GUS
LCEN	97	24.3	4	1.0	4	WB2OUK
ENMC	43	8.6	1	.2	5	K4ZK
BEN	141	28.2	0	0.0	5	K7LCA
PRVAN	21	5.3	2	.5	4	K4VSN
IATN	391	13.0	127	4.2	30	W4PPC
MCEN	120	30.0	9	2.3	4	WD4RIQ

FLORIDA PHONE TRAFFIC NET
By Don Fontaine, N4ET

3940 Khz **7:00 am Daily**

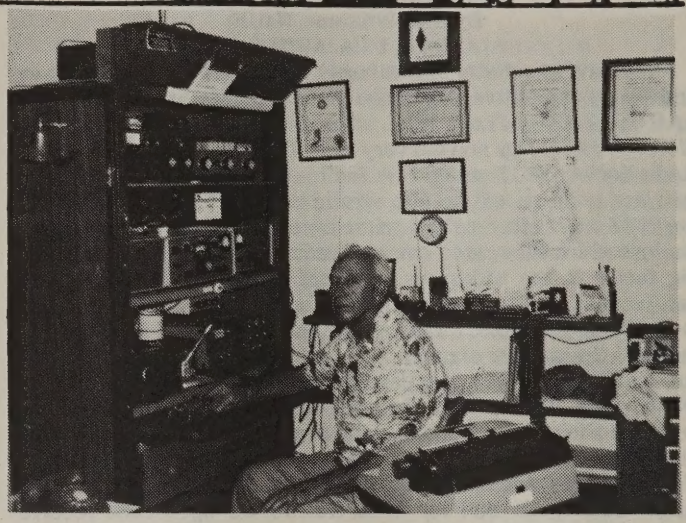
Vacation time is now. This is very noticeable among the NCS ranks as we go into July. Seventy percent of the NCS's are on vacation at the same time. When your scribe has to fill in you know we are hard up!

As we write this John, WD4COL and XYL Debbie are expecting their second child and so far after several alerts they are still waiting.

Wes, W4FOE absent from the net for awhile. Wes is undergoing a cataract operation. Good luck, Wes.

Our fearless leader, WB4WYG is one of the 70% on vacation. Bill and Doris are running across the northern U.S. and Canada. Enjoy yourselves, you two.

Now that Ginger, WB4SOU is back from vacation and checking in daily, we notice Stan, K4BLM is staying awake longer during the net session. We all enjoy having you back, Ginger.



This neat shack belongs to Geo. Graveson K4JI of Plantation.Geo uses his 60-year-old Vibroplex on Gator and QFN c.w. traffic nets plus SWOP. George was first licensed in 1924, EX-2LR & DL4LR. He is 79 and retired from Western Electric and a Commander USNR.

Jan, WD4AWN back from vacationing in the hills of North Carolina and looking forward to a deep sea fishing trip later this month — her first. Good luck, Jan, hope you catch more fish that I did in the Bahamas.

No "Golden Cookie" award this month as the total QNI didn't reach the magic 1000.

High checkins for the month were:

100% — W4BCZ, W4BKC, K4BLM, W4AID, KD4KK, K4SJA and WB4TZR.

95% — WA4EYU and WB4WYG.

90% — N4EOW.

85% — W4DDW, N4ET and KA4TTS.

80% — WB4EXA, WA4JDH and KB4LB.

See you on 3940, 7 am.

TOP TWENTY TRAFFICERS
By WA4PFK & N4UF

1.	W3CUL	3082	11.	WA4EYU	215
2.	W3VR	706	12.	KA4GUS	153
3.	WF4X	626	13.	WB4WYG	150
4.	N4PL	490	14.	WD4HBP	143
5.	WD4COL	373	15.	K4JLL	120
6.	WA4PFK	346	16.	K4IA	118
7.	WA4QXT	267	17.	KB4LB	109
8.	K4ZK	258	18.	NC4H	109
9.	K4SCL	244	19.	KY4U	108
10.	W4NFK	236	20.	W4YCL	107

THE GATOR NET
By Walt, KF4U

Daily 0830 Local **7090 Khz**

Activity on the Gator Net held up quite well during June in spite of long skip problems 14 days. There were 424 check-ins by 36 different stations.

DAve, WA1RWO, in Holly Hill checked in several times and we are pleased to have him with us. Mary, KY4U, and Floyd, N4FL, were missed for a while but both were back on the active list in June. F.B. Joe, W4KLY, has moved to Palm Harbor and we hope he

gets that new antenna erected soon. George, K4JI took time out for a short vacation and some good fishing in the Florida Keys. KF4U plans overseas vacation in July.

The record shows only KB9LT and K4TH made the 100% club in June. Stations with 25 or more check-ins were W3CUL, W4DVO, WA4EYU, KF4U and WF4X. The 20 to 24 group included W5FEB, W3IDO, WA4JDH and K4JI.

All are welcome in GN. Come in and meet the gang. 73 and ARF!

FMSN 7090 KHz 2130Z
By Lee Denning, Mgr. FMSN

June was a noisy month on 7090 for good communications. Not only was the QRN bad but so was the QRM from the Cuban AM stations as well as the very active RTTY groups. We had 30 sessions this month but only 29 were reported as of this date (6 July). Consequently our averages are being reported on the basis of 29 sessions. Total QNI 307, Ave. 10.6, QTC 45, Ave. 1.6, QND 482, Ave. 16.6.

When we next change back to 80 Mtrs., about the time we return to Standard Time, we are considering changing the frequency to the Novice portion of the band and reducing the maximum on frequency transmitting speed to 13 WPM. This should encourage more Novices to join us and gain training for General as well as improve their traffic net capabilities. We don't want to compete with QFNS and do not think that we will. If the Net Members have thoughts on this, please let me know and I will include them in my comments to N4UF along with my recommendations for a new Net Manager when my term expires in early Fall.

OPERATING CUSTOMS AND PROTOCOLS FOR TRAFFIC NETS
By Phil O'Dwyer, WF4X
STM North Florida

This month a potpourri of odds and ends, most of which may be familiar to the "old heads": However, I hope there will be one or two that will jog your memory.

The place of origin in the preamble should be the QTH of the party originating the message; for example, you live in Orlando and get a call from Winter Park to give you a message for transmission, the place of origin is Winter Park. The date is the month, which is usually abbreviated on CW, and the day, but the year is not needed: On phone please don't use "today's date" or I have to scurry around the find a calendar, hi!

Periods are never used in the address or in the text; if a message is addressed to D.D. Amhurst, it's sent on CW as D pause D pause Amhurst but keep the pauses long enough that it isn't received as D Damhurst! On phone it's sent as 'initial D, delta, initial D, delta Amhurst'. In the case of a decimal point such as 2.5 it's sent as 2R5 on CW and two decimal five on phone.

On phone the F and the X sound so much alike that I usually use phonetics for these as well as the D, B, T, P, E, G, C, and V. Unless propagation is very poor it is usually not necessary to spell any words but the usual ones.

The key to effective traffic handling on CW or phone is timing: Try to send CW a little slower than the speed that the other operator uses: On phone send 3 or 4 groups and pause — to time your pause, use your finger as a pencil and write the words that you sent, then repeat the process until the message is complete.

If you would like to get started in handing traffic on CW, or brush up a little, remember that is the function of QFNS and the FMSN, and the Net Controls are glad to welcome new-comers, and don't care if you make mistakes. Also, remember that the ARRL Net Directory is filled with information that can help you get started. 73 and AR de WF4X.

FLORIDA MIDDAY TRAFFIC NET NEWS
By Billy Williams, N4UF

Welcome to Earl Leach, N4GDT who is a new Net Control Station on FMTN. Earl checks in mainly on weekends and is a member of several other Fla. nets as well. In addition, he handles EAN D4RN liaison work.

Net Manager Al Suhr, WB4AID and YF Jane have returned from

Net QSY P. 16

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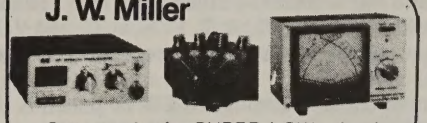

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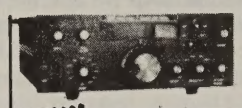

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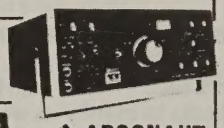
NEW! **OMNI D-Series "C"**



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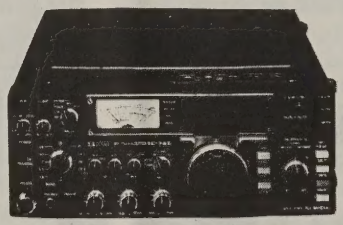

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Operation on the two meter band is covered by Federal Regulations, and additionaly, "gentelmans agreements" exist which give persuasive guidance for the frequencies and the method of operation. If each of us adhere to the following enumarated regulations and guidelines, much would be acomplished to insure compatability among the various modes of operation available to us, and would go a long way to insure a greatly enhanced capability in our individual utilization of our Amateur Radio resources.

This information sheet was designed for the purpose of informing Amateur operators in the South Florida area regarding these important aspects of operation.

144.ØØØ
 to --- A1 (CW) FCC 97.61
144.1ØØ
 to --- SSB ARRL Recommendation
144.3ØØ
 to --- Satellite Sub-Bands
144.5ØØ
144.51Ø
 to --- Repeater Inputs
144.89Ø
144.91Ø Simplex
144.93Ø Simplex
144.95Ø Simplex
144.97Ø Simplex
144.99Ø Simplex
145.Ø1Ø Simplex
145.Ø3Ø Simplex
145.Ø5Ø Simplex
145.Ø7Ø Simplex
145.Ø9Ø Simplex
145.11Ø
 to --- Repeater Outputs
145.49Ø
145.5ØØ Simplex
145.52Ø Simplex
145.54Ø Simplex
145.56Ø Simplex
145.58Ø Simplex
145.6ØØ Simplex
145.62Ø Simplex
145.64Ø Simplex
145.66Ø Radioteletype (RTTY)
145.68Ø Simplex
145.7ØØ Simplex
145.72Ø Simplex
145.74Ø Simplex
145.76Ø Simplex
145.78Ø Simplex
145.8ØØ
 to --- Satellite Up & Downlinks
146.ØØØ
146.Ø1Ø
 to --- Repeater Inputs
146.46Ø
146.49Ø Simplex
146.52Ø National Simplex Frequency
146.55Ø Simplex
146.58Ø Simplex
146.61Ø
 to --- Repeater Outputs
147.39Ø
147.42Ø Simplex
147.45Ø Simplex
147.48Ø Simplex
147.51Ø Simplex
147.54Ø Simplex
147.57Ø Simplex
147.6ØØ
 to --- Repeater Inputs
147.99Ø

*Tom Cunard
7120 S.W. 58 St.
Miami, FL 33143

Note: 144.Ø9Ø CW Calling Frequency 144.2ØØ National SSB Calling Frequency

FCC Reg: 97.61-------144.Ø to 148.Ø A1 (CW)
144.1 to 148.Ø AØ-A2-A3-A4-A5-FØ-F1-F2-F3-F5
97.61-13(c)-No Repeater Operation Both Input Or Output Allowed from 144.Ø to 144.5 or 145.5 to 146.Ø MHz.

(CLIP AND SAVE)

Lots of publicity. TV, Ch. 10, WTSP, had good shot of FD operations. Saw Larry, KD4X, operating the CW rig. Also shot of Don, WA4CJG, and Delbert, our pres., WD4HHH, gave splendid outinne of Emergency Field Day operation. Picnic was superb. Gordon, WB4RHY, set it up but had to leave, as XYL, Elsie, not up to par. "EZ" NJ4O, got back in time for Field Day from camping trip to Wisconsin, wife's old home. Sorry Gordon, WB4RHY, injured left elbow and had stitches at Doctor's. This not at FD, but beforehand. Roger Stewart, KB4FFI, new member, so watch out fellas for copper-sulphate emissions from old antennas. Frank, K4EUK, also made it for Field Day, returning from trip to see daughters in Va. and Penna.

Also leaving again to see daughter, Frances, in Margate, Art Gibson, KA4WNZ, has now about completed renewal of wiring club station W4DUG. Treatment of Club House scheduled for June 29th to get rid of termites! Saturday morning get together at club house will continue during summer vacation. About all the news for now. Happy Labor Day, and 73.

BROWARD AMATEUR RADIO CLUB
By Betts Barry, WA4MJI

On Friday, June 10th, the club enjoyed an extremely interesting discussion conducted by WB4KKG, Mark Pallans, and K7LCA, Eric Gawain, with guests, Arthur St. Armand and Larry Block of Civil Defense. Emergency operations were the prime topic with particular emphasis on RACES and ARES.

Jim, WB4KOB, was this month's bunny on June 17th. First place went to Bob, N4HPM, and John, KA4KXJ, who narrowly missed first place last hunt. Eric, K4LCA, was second to spot the bunny.

Field Day on Sat., 25th, and Sun., 26th, was one of the best. It was held at Red Cross Headquarters in order to demonstrate our abilities to operate in an emergency, using the antenna system and radio facilities for which the Red Cross has generously provided space. Their 45KW generator provided power, lights, and air conditioning, so we lolled in luxury, although we did sacrifice by using an E class rating to compense for the amenities we enjoyed.

Ira, W2MXG, Bob, N4GDV, and Fred, N4HBT, provided delicious and plentiful food. Participation was excellent, even throughout the night. At no time did we have any equipment failure, and Murphy was on vacation. The Colonel, K4OL, holder of the Guinness record for Morse Code speed, had an awestruck audience watching him rack up the contacts, often working two at once. We thank him for his participation and example.

Special thanks go to Bob Anz, N4GDV, our Comm. Officer, for making this Field Day such a success. I wish I had room to mention all those who participated with such enthusiasm and comradeship, but I fear that Andy, W4IYT, is going to chop this off — RIGHT HERE!

INDIAN RIVER AMATEUR RADIO CLUB
By Gloria Wallace, KA4ZCD

It was announced at the June meeting that due to a change in the requirements by the bank we will no longer be able to use the meeting room on the 4th Tuesday. The bank has made the 4th Monday available to us starting in September.

Bill Vissers, K4KI was the speaker for the evening and gave a very interesting talk on "A Smart Dummy" load. An interesting report from Carl, AA4MI, on the Shuttle Commentary broadcast on 146.94, during the last shuttle launch was given and information about the upcoming launch in which there will be amateur radio on board.

There were 57 members present and no guests. Several local hams are or have been in the local hospitals. They are: Ken, WB4JXR, Walt, K4PQ, Boots, KB4CSJ, and Skip Carter.

FORT MYERS AMATEUR RADIO CLUB NEWS
By EArl Spencer, K4FQU*

June brought us a little relief over what we had in May. The month started off with our monthly club meeting which is always the first Wednesday of the month. A very interesting meeting due to

Club QSY P. 13

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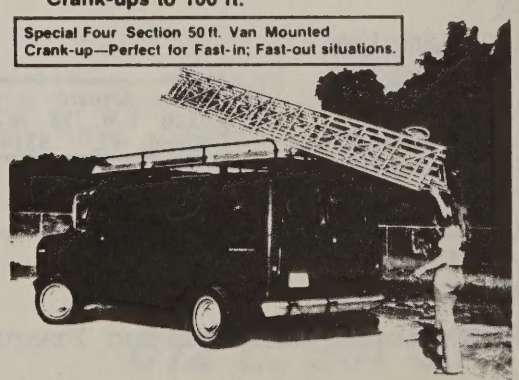
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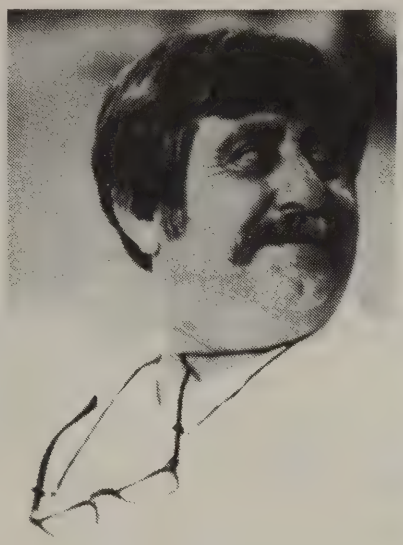

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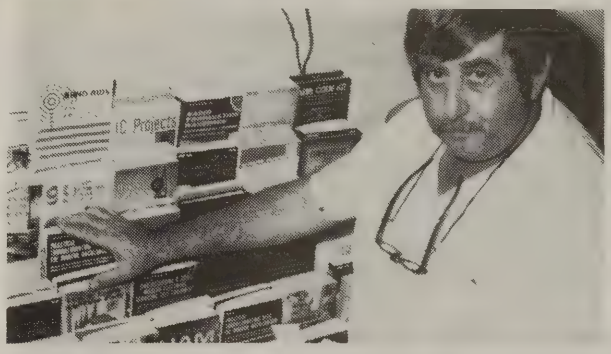

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AMERICA RADIO CLUB, WD4MXF/R 146.13/73. Bilingual Rptr. Back-up Rptr. 144.75/145.35. Club meets 1st Wed of each month. Mail: P. O. Box 651004, Miami, FL 33165.

AREC REPEATER GROUP, Inc. WA4ARE/R 07/67 R. Brunner, Treas. 4072 Sussex Ave., Lake Worth, FL 33461. Breakfast 9AM Sundays at Clock Restaurant, N. Dixie, Lake Worth. All amateurs welcome! ! !

BRANDON AMATEUR RADIO SOCIETY, WB4BIM meets 3rd Thurs. at Brandon Chamber of Commerce. Nets Mon. 8PM on 147.165 Wed. 8PM Novi ce CW 21,165 9PM phone on 28.765.

THE GOLDCOASTERS. Meet 2nd Monday each month, Pals Captain's Table, Deerfield Beach, 11:30AM. Additional meetings 4th Mon. during Jan. thru Apr. Open membership. Write PO Box 2778, Boca Raton, FL 33432 phone 421-6704. Net daily on 14346.5 at 915AM. Join us ! !

BROWARD AMATEUR RADIO CLUB, Inc. W4AB. W4AB/R 31/91. Meets 2nd Fri. 745PM, Red Cross Bldg., Ft. Lauderdale. Mail: Jan Lorah WB4KOC, 2407 Flamingo Ln. Ft. Lauderdale, FL 33312.

CLEARWATER AMATEUR RADIO SOCIETY WB4BZF. Meets 2nd Thurs. ea. month 730PM upper Pinellas Co. Red Cross, 624 Court St., Clearwater, FL Mail: Box 7388, Clearwater, FL 33518.

FLORIDA REPEATER COUNCIL Pres. K5FOG, VP W4CF, Tres. K4KE, Freq. Coordinator, Jani Kusmulyana KO4J, P. O. Box 17317, Tampa, FL 33682 Phone 813 985-3453.

CYPRESS CHAPTER of Ten-Ten International. Meets Wed. 8PM on 28,665. Covers E.-Central FL. K4TSY Chapter Head. For certificate work 5 holders, send long info & $1. to Bob Lucas K4HTU, RD 3 Box 2630, St. Cloud, FL 32769.

DADE RADIO CLUB, Inc. W4NVU. Meets 1st & 3rd Tues., Museum of Science, 8PM, 3280 S. Miami Ave., Miami. Mail: P.O.Box 350045, Riverside Station, Miami, FL 33135.

DAYTONA BEACH AMATEUR RADIO ASSN., Inc. K4BV. Meets 8PM, 3rd Monday monthly, American Red Cross, 341 White St., Daytona Beach, FL Come and bring a friend.

EVERGLADES AMATEUR RADIO CLUB. W4SVI/R 146.235/835. We meet 2nd Fri. ea. month 8PM, Dade Co. Agricultural Bldg. 18710 SW 288 St., Biscayne Dr. at Redland Rd. Homestead 33030.

FELLOWSHIP AMATEUR RADIO CLUB, Inc. Meets 4th Thursday at Ingalls Park Recreation Center, 735 SW 1st St. Hallandale, FL 730PM. N4AXQ/R 147.81/147.21 Mail: Box 680284, No. Miami, FL 33168.

FLORIDORA YL'S. W4FE. Pres. Blanche Randles W4GXZ, CR-SH Bx 74, Stoddard NH 03464 (5-10) 6002 N. Fremont, Tampa, 33604 (11-4). All YLs & XYLs invited. See Box ad for details.

FORT MYERS AMATEUR RADIO CLUB. Meets 1st Wed. ea mo. 730PM, 1st Fed. & Savings, 121 Pomdella Rd. SR78A, No. Ft. Myers. Mail: PO Box 4814, North Ft. Myers, FL 33903

CHARLOTTE AMATEUR RADIO SOCIETY (CARS) Meets 2nd Wed. ea. mo. 730 PM 1st Fed. Savings & Loan, 410 Taylor St. Punta Gorda. Mail: Box 415 Zip 33950 Rptr K4IA 146.145/745.

GOLD COAST FM ASSN., Inc. Box 313, Boca Raton, FL 33432. Emgcy net Thurs. 730PM WB4QFY/R 146.22/82. Traders net 8PM, WB4UFA/R 4th Mon. 730PM. Imperial Pt. Hosp. Med. Ctr. 6401 N. Fed. Hwy, Ft. Lauderdale. UHF Rpt WB4RZS/R 447.2 in 442.2 Out

GREATER TITUSVILLE AMATEUR RADIO CLUB. Meets 3rd Mon. 730PM ea. month at Titusville Chamber of Commerce Bldg. Mail: c/o W. R. Young, K4DQT, 3845 Catalina St., Titusville 32780 Rptr 146.31/146.91 for other details.

HILLSBOROUGH AMATEUR RADIO SOCIETY, Inc. WA4GJJ. Meets 4th Wed. 730PM Pan Am Bank Bldg., Sulfer Springs. Mail PO Box 24602, Tampa, FL 33623. Phone for info (813) 884-7035.

HOLLYWOOD AMATEUR RADIO CLUB, Inc. WB4TON/R .385/.985 Meets 3rd Mon. 800PM Rm 238, So. Satellite Court House, 3550 Hollywood Blvd., Mail: PO Box 6306, Hollywood, FL 33021.

INDIAN RIVER AMATEUR RADIO CLUB. W4NLX. Meets 4th Mon. First National Bank, Merritt Isl. 730PM. Mail: Box 5, Cocoa 32922.

SILVER SPRINGS AMATEUR RADIO CLUB. Meets 3rd Tues. ea. month at Forest Hi School, 1614 SE Ft. King St., Ocola 730 PM. Net other tues. 730PM on 146.01/61. Mail: Hugh C. Henline W4JOP, 3480 SE 26th Ct., Ocala, FL 32671. Ya'll come Now!

MAGIC CITY AMATEUR RADIO SOCIETY. Meets 4th Saturday, 3rd floor, Conference Room, 2PM, Joseph Caleb Center, Miami. Details from: John Dillard, WB4WXF, Pres. 305 633-5433.

LAKE AMATEUR RADIO ASSN., Inc. K4FC, meets 1st & 3rd Thurs. 8PM, Clubhouse, Springdale Ave., Bassville Park. Mail c/o Dot Favorite, KA4MIL, 106 Island Dr., Leesburg, FL 32748. ALL WELCOME ! ! !

INTERNATIONAL MISSION RADIO ASSN. IMRA. Helps missionaries by supplying equipment & running net Mon. - Sat. 2-3PM, 14280MHz. Yearly 14,000 check-ins, 6,000 traffic. 1 Pryer Manor Rd., Larchmont, NY 10538.

NORTH FLORIDA AMATEUR RADIO SOCIETY, W4IZ. Meet 2nd Thurs. 730PM Ed White Sr. Hi School RM 110, 1700 Old Middleburg Rd., Jax. Mail: B. Williams N4UF, 9110 Rio St. Johns Dr. Jacksonville, FL 32211.

OLD OLD TIMERS CLUB (OOTC) net Sunday 2PM on 7247 kHz. Info: Bob Bookwalter, W4NWF, 728 Valencia Rd., Venice, FL 33595.

POMPANO BEACH A.R.A. (ARRL Affil.) Meets 2nd Thursday 7PM in St. Steven Lutheran Church, 2500 NE 14th St. Welcome aboard!! Mail: 421 NE 25th Ave., Pompano Beach, FL 33062.

PALM BEACH REPEATER ASSN., Inc. .28/.88. Meets 1st Tues. each month 730PM, Palm Beach Civil Defense Bldg., 3723 Belvedere Rd., W.P.B. All Welcome. Membership available: PO Box 461, Lake Worth, FL 33460 or call J. Schoech WD4LHF 684-2116.

PLATINUM COAST AMATEUR RADIO SOCIETY. Meet 2nd Mon. ea. month, Red Cross Bldg., 1150 S. Hickory St., Melbourne. Mail: Box 1004, Melbourne, FL 32901. Rptr: WR4AMJ 146.25/.85.

QCWA CITRUS CHAPTER. Meets 3rd Saturday each month 1130AM at Duff's Famous Smorgasbord. Intersection SR 436 & 434 "K" Mart Plaza, Altamonte Springs. Net meets 9AM Saturday 3955 kHz. All Welcomed.

QCWA CALOOSA CHAPTER. Luncheon last Wed. ea. month 1130 AM, Le Bistro restaurant, 4515 Del Prado Blvd., Cape Coral, 3 blocks N. of Parkway on right. Info: D. Bowman W4OUU, 5317 Colonade Ct., Cape Coral, FL Phone 813 542-4656. All Welcome.

QCWA CENTRAL FLORIDA SHAPTER Meets 2nd Saturday noon, at Western Sirloin, 3105 Hwy 98N, Lakeland. Net 10AM Sat. on 7243 kHz. Info: Norm Weddell W9HOH, Sec. 813-665-5085.

QCWA CITRUS CHAPTER. Meets 3rd Saturday each month 1130AM at Duff's Famous Smorgasbord. Intersection SR 436 & 434 "K" Mart Plaza, Altamonte Springs. Net meets 9AM Saturday 3955 kHz. All Welcomed.

QCWA EVERGLADES CHAPTER. Meets 2nd Sat. Sept thru April. Sweden House, 5550 N. Fed. Hwy., Ft. Lauderdale. Info: See Skip News column or call Roy McCarty W9KA, 305 731-4145.

QCWA FLORALA CHAPTER. Meets noon 2nd Sat. ea. mo. Western Steer Stake House, Ft. Walton. Pres. W4MMW, Sec-Treas. W4-WKQ, John Zwaska, 37 Longwood Dr., Shalimar, 32579. Net ea. Mon. 730 PM CST 28/88 & 8PM CST 3950 kHz. All welcome.

QCWA GATEWAY CHAPTER meets 3rd Sat. ea. mo., Uncle Johns Pancake House, Beach Blvd. Net 7230 Khz. Info: Ed. Nelson, 4015 Tront River Blvd., Jacksonville, FL 32208.

John Stamps, KY0T, who gave a very nice talk on the merits of Maritime DX. John lives on a sailboat and travels quite extensively. His talk included not only the joys of being the only DX station in some remote area but of the interesting people and living conditions encountered on his many stops. Very nice talk and we hope he continues it again sometime.

Tuesday, June 21st the Mayor of our Fair City of Fort Myers proclaimed June 20-26 as Amateur Radio Week in Fort Myers and had a small ceremony in his office at City Hall. Those in attendance were Jeff Beals, WB2OUK, Jim Hall, W3IJR, George "Lucky" Romard, WB4LKY, and Dave Fox, KA8CXQ. As President of the club, Jeff received a certificate for the club which I presume will hang in honor in our new club house.

Speaking of club houses, our club has the good fortune to have a club house complete with operating stations. It is not quite finished in its entirety but will be very shortly, however, it is used quite a lot right now for various meetings.

A bit of news filtered down from the north this week about one of our very good friends on vacation. Harry, K9ALX, who is visiting his property in the Chicago area. Seems Harry took a fall and injured a knee. We hope he gets well soon and returns to Ft. Myers shortly.

The Atlanta Hamfest took place last weekend and a few of our group had the good fortune to attend. Those I know of were Diz, W9FPO, Paul, K4OVC & XYL Elsie, KF4JA. There may have been others but these I know of for sure. It must be nice.

Well another Field Day has come and gone. I don't know what our score will be as yet but it was a little discouraging this year. However we did operate and had fun doing it. The Field Day site was at the Franklin Locks Campsite, a few miles east and north of the city. A nice location, though a bit far out to draw a crowd, apparently because the lack of personnel was very apparent indeed. We did recieve some very nice publicity from the local TV stations thanks to our Publicity Chairman for Field Day. Our thanks to Dave, KA8CXQ, the Field Day Chairman and all the others that worked and are too numerous to list, but they and we know who they are. Of the three stations operating the six meter station really took off well. Six was wide open and some 300 contacts were made on this band, not bad at all.

Lee County actually had two Field Day operations set up. One was not sanctioned by the club but they did set up and had a lot of fun in spite of the thunderstorms incurred. John, KY0T was the instigator of this station. Sorry I didn't get out to see it but I understand they did very well.

That's about it for another month. Seems as though we really keep busy but that's what keeps us from getting rusty.

* Earl Spender, K4FQU 1735 Hanson Street Ft. Myers, Fla. 33901

FELLOWSHIP AMATEUR RADIO CLUB, INC.

By Zelma Shaw, WA4MKE

Welcome to new members, voted in at June meeting, K4LVZ, Joe; K4AZA, Robert.

The Field Day, June 25 & 26, was a great success for the Fellowship Club. We had great publicity. We had newspaper interviewers from five newspapers and from Channel 4. We made the news broadcast at 11:00 p.m. on Channel 4. Jeff was shown operating the key. Jeff, WB4LGI, had his photo in the Sun-Sentinel and a very nice article. The Mirror-Miramar printed a photo of Lorraine, KC4IF, and Kurt, N4IOO. Quinton, N4EUO was shown putting up an antenna. Everyone had lots of fun and those who didn't participate, can't know what they are missing. We hope our score was as good as last year, but if not, the fun made up for it.

The July meeting will feature Marv, KC4BS as an auctioneer. Bring in all your equipment you want to dispose of or any item you want to "trade". Come early, meeting starts promptly at 7:30. Next meeting date is July 28th. Delay dinner until after the meeting, if needed. Come all.

August meeting guest speaker will be a deputy from Broward Sheriff Dept. who will speak on Home and Personal Safety.

Class reunion: where everyone gets together to see who is falling apart.

HAS YOUR AMATEUR LICENSE EXPIRED?

Has your amateur license expires? How do you know ? When was the last time you looked at it ? Don't get the shock of your life, go look at your expiration date right N O W. If your ticket expires within the next 2 months, it's time to get a FCC 610 form and submit same. You can obtain a 610 form from FCC or send a Self address Stamped Envelope, business size (No. 10) to FLORIDA SKIP, Box 501, Miami Springs, FL 33166.

QCWA GATOR CHAPTER. Tampa Bay area. Meets 1st Sat. Noon at Chief Charlie's Restaurant, Gulf to Bay Blvd. on Rt. 60 Clearwater. Wkly net Sat. 915AM on 3920kHz. E. Nannis K4JMH 14996 Imperial Pt. Dr. No., Largo, FL 33544 All welcome.

QCWA PELICAN CHAPTER meets 3rd Wed. noon at Sea Ketch Restaurant,in St. Pete. Net Sat. 10AM 3930kHz. Info. W4BK. 1255 Pasadena Ave., South, Phone 381-5411. All are welcome.

QCWA SOUTHEAST CHAPTER. Meets 3rd Sat. ea. Mo.at Noon. More info: W4KGJ 666-2058, W4KO 685-1963 or W4LGP 891-7692. We also welcome all OOTC and SOWP members anytime! !

QCWA SPACEPORT CHAPTER: Meets each 3rd Sat. 1130 AM, Gatsby's, SR 520 & Banana River, Cocoa Beach. KØ REC Pres. Spence, 783-0629; K4KCN Secy. Chas, 453-0285. Y'all Come.....

QCWA SUNCOAST CHAPTER. From Tampa So. to Marco Isl. Meet at Davey's Locker, Rm of Windjammer Rest., 7100 S. Trail US 41, Ist Wed. ea. mo. Oct. Thru May. Info: A. Hodson W4PJF 756-5792.

QCWA SUWANNEE CHAPTER. Meets 4th Sat. of even number months. Holiday A/C from Silv. Spgs. Net Sat. 7236 9AM. Pres. W4JOP, VP, NF4O, Sec-Tres. R. Medler W4ANN, 1041 NE 20 Ave. Gainesville, FL 32601.

QCWA TREASURE COAST CHAPTER. Chmn. Karl Gansler W4-PSG; Sec-Tres. Jerry Dewlt W3BL. Lunch, 2nd Thurs. Sheraton Regency, N. A1A, Vero Beach. Mail: Box 3088, Vero Beach 32960.

ST. PETERSBURG AMATEUR RADIO CLUB, Inc. W4GAC. Meets 8PM, 1st Fr., Red Cross Hq., 818-4th St., Mail: PO Box 4026, St. Petersburg, FL 33731. All amateurs welcome. Bring a friend.

SARASOTA AMATEUR RADIO ASSN., Inc. W4IE. Meets 3rd Tues. 8PM. Sarasota Co. Administration Ctr, US 301 & Ringling Blvd. 6th Floor lounge area.. Mail: Box 3182, Sarasota, FL 33578. Join us ! ! !

QCWA HIGHLANDS COUNTY CHAPTER (121). For meeting info ctc: Chmn W4BCZ, Phil McMasters 465-3359 or Sec-Tres. K4HSC, Meg Hennon 655-0871, 6102 Lake Front Dr., Sebring, FL 33870.

SOCIETY OF WIRELESS PIONEERS. Edison Chapter meets Sun. 2PM, 5053 kHz. Bill K4TF, CHOP. Info: Bill Willmont K4TF,16-30 Venus St., Merritt Isl., FL 32952. Transcon SOWP net. Tue. & Thurs. 10AM EST, 14115. Info Sy W4IKU, 305 651-5385.

SOUTH FLORIDA FM ASSN.WD4SFG/R 146.16/.76 & WD4BVO/R 146.40/147.00. Mail: P. O. Box 430025, Miami, FL 33243. Meets 2nd Mon., CD Hq., 5600 SW 87th Ave., Miami. All Welcome! !

TAMPA AMATEUR RADIO CLUB, Inc. W4DUG. Meets 1st & 3rd Mon. 730PM at Club House, Davis Isle, Columbia & Barbados. Mail: PO Box 10453, Tampa, FL 33679.

TAMPA BAY REPEATER ASSN. PO Box 24671, Tampa, 33623. Meets 2nd Tue. 730PM. Call in on 146.16/.76 for meeting place. 146.16/.76 Tampa; 146.39/.97 Largo; 147.705/.105 East Bay. Net meets ea. Thur. 730PM on 146.16/.76. Join us.

WEST PALM BEACH AMATEUR RADIO CLUB, Inc. W4HAW, P. O. Box 6834, Southboro Station, W. Palm Bch, FL 33405. Meets 1st Wed. 730PM at 823 Newark St., W.P.B. Phone 655-3592

CONGRATULATIONS!

THIS HAS TO BE A FIRST! CONGRATULATIONS!

THE ENTIRE FAMILY OF ST. PETERSBURG CLUB MEMBER JAC CHRISTIANSEN, WD4JXL HAVE BECOME NOVICES AT THE SAME TIME:

PATRICIA, WB4FDW
JEANNETTE, WB4FDX
JULIE, WB4FDY
JAC, Jr., WB4FDZ

STATE QCWA NEWS

Edited by Eli Nannis, K4JMH

HQ advises that election returns are coming in very slow. 9800 ballots were mailed out and only 1621 have been returned. Florida has returned the most ballots, about 200. California with the largest membership has returned only 165 ballots. We can still do better, so take that ballot out of the QCWA News, vote for the candidate of your choice and send it in to HQ before August 1st. Let's show the rest of the country that Florida QCWA members are interested in who governs our great organization. HQ has a new "Convention Packet" which will be demonstrated at the Denver conference. QCWA has issued a charter number 145, its newest chapter in the vicinity of Asheville, NC. Work is now going forward on the updating of our membership directory to show the first year of licensing for each member. This is required so that Golden Awards may be sent to eligible members automatically without the need of applications. Many QCWA records have been lost through the years and HQ is doing their best to correct the records. When reporting a silent key to HQ, do not bury the info in the text of a chapter report. Either use a separate piece of paper or make a separate paragraph in the report.

VOTE VOTE VOTE VOTE VOTE VOTE
VOTE VOTE VOTE VOTE VOTE VOTE

GATEWAY CHAPTER: We held our regular dinner meeting June 18th with 11 members and 7 guests in attendance. There was a general discussion on our participation in the next Jacksonville hamfest. We will be in charge of the ARRL table as well as the QCWA booth. We had two guest speakers from Australia. Captain Robert Rej Keis on the master yacht Suraja and 1st mate Jaro Rej Keis who is VK4NIX and at the present time he is a novice. The Captain gave a nice talk on their trip from Australia to Jacksonville. They are going to Maryland and then return home via the Panama Canal. Jaro told us about his experiences hamming during the voyage.

—Reported by Ed Nelson

GATOR CHAPTER: Our President Paul, W1DLP, was in Calif. during our June 4th meeting and so V.P. Ed, W4BUB, ran the meeting. Thirty-eight members and guests attended the meeting. We welcomed a new member, Jack Adams, W4NOK, whose national membership number is 17,006. Ed W4BUB passed around some old radio magazines from the 1920's and Hal W4OIN ordered an Atwater Kent receiver from one of the magazines for only $53.50. Birthdays for this month was Bill W4STX and Russ K4HI. Wedding anniversarys were for Bob Clarke W8KZU 49th, Herb Stauss W4LKO 15th and Bill W4STX 29th. Harry Cole's Xyl Eileen passed her novice exam and is waiting for her call. Dave Stocky K4KE also had an anniversary, their 42nd. Our chapter ran the State QCWA net for the month of June with N.C. W4BUB, W1DLP, W4IRA and K4JMH. A thank-you note was received from the Police Athletic League for our donation of $70. One of our members who wished to remain anonymous sent us a check which was to be sent to HQ for the Memorial fund, $100.00. That was a very pleasant surprise.

—Reported by Eli Nannis, K4JMH

PELICAN CHAPTER: Early risers, Reg, K4QZ, Kathryn Iversen, Ray K4OC and Carrie EAstman set the pace for the annual chapter picnic at Fort De Soto Park on June 15th. They lit the grills and prepared themselves a truck drivers breakfast before any of our members started arriving. In all, 14 members and guests attended this annual affair. Even tho the group was small, much fun and merriment were in abundance everywhere. The day was perfect for a picnic and several "die-hards" went swimming in the Gulf. The monthly summer meetings as well as the publication of the newsletter have been discontinued until September. The weekly chapter get-together on 3930 Khz each Saturday at 10 A.M. will continue as always.

—Reported by Art Monsees, W4BK

SPACEPORT CHAPTER: The regular monthly meeting of the Spaceport Chapter was held at Gatsby's Restaurant located at Cocoa Beach on June 18th. Our President Spencer, K0REC, was at the shuttle takeoff so Bill, K4TF handled the meeting. It was voted to buy a logo of QCWA and information of the meeting and it be displayed in front of the restaurant. Walt Hicks, K4PQ, our first president was in intensive care unit due to a heart attack. It was reported that arrangements have been made with the shuttle to make it possible to listen to the astronauts comments on 2 meters by special permission. Mr. Paul Rafford, NY4L, gave a talk on the strange disappearance of Amelia Erhardt. He spoke of the various aspects of the case, and in particular to the radio errors and failures and other sidelights on the subject. The total attendance was 35.

—Reported by Charlie Bunce, K4KCN

Central Florida QCWA No. 107 visit from Director of Chapter 106, German Chapter. L to R: W9HOH, Sec. W4LHP, Pres., Dr. Gerhard Jacoby, Pres. German Chtr., and W4SVB, Tres. W4SVB plans to visit the German Chapter shortly. The two chapters keep regular 20 sked. More on the DL-trip later. (Photo via W9HOH.)

SPACEPORT CHAPTER OF QCWA TO HOST JOINT LUNCHEON

By Bill Willmot, K4TF

The Spaceport Chapter of QCWA will again this year, as in previous years, host a luncheon at the Melbourne Hamfest. This year however, the luncheon will be a joint affair and will include the Veteran Wireless Operators Association (VWOA) and the Society of Wireless Pioneers (SOWP).

The joint luncheon will be held at noon on Saturday, September 10, 1983. The exact location of the luncheon has not yet been determined but will be announced in the near future. Reservations are not required; however, a notice of intention to attend would be appreciated to help in planning.

Please spread the word. Let's all pitch in to make this a memorable event. Guests are welcome.

MORE PHONE ON 20

Expansion of the U.S. 20 meter phone band becomes effective May 22, 1983 at 0001 UTC. The new phone bands will be as follows.

14,150 to 14,175 kHz, Extra.
14,175 to 14,225 kHz, Advanced and Extra.
14,225 to 14,350 kHz, General, Advanced, and Extra.

This is not effective until May 22, 1983 at 0001 UTC.

(ARRL OB 28)

FLORIDA ROUTING TRAFFIC GUIDE

A must in every Florida Ham shack. 5th Edition. Center fold Map of Florida showing all cities, all counties. Also, ARRL numbered Texts, CW abbreviations, Emergency Communications, Florida city abbreviations, Florida Cities listing, ICAO alphabet Info on traffic handling, Message form, Florida net listing, NTS routing guide, QN signals, 3rd party traffic restrictions, toll-free calling areas, 2 letter state abbreviations, State abbreviation and ZIP codes, ARRL Net Directory registration form, MARS "Z" signals most used, and More. 58 pages.

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Miami Springs, FL 33166 postage

ANNOUNCING

THE 10th ANNUAL

GREATER JACKSONVILLE HAMFEST

AUGUST 6th & 7th AT THE ORANGE PARK KENNEL CLUB

NORTHERN FLORIDA SECTION ARRL CONVENTION

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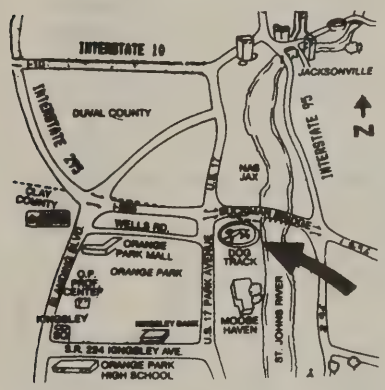

SWAP TABLES $12.00 (2 DAYS)
EXHIBITOR & TABLE INFO:
Mike Parrin, N4EPD
6716 Diane Road
Jacksonville, Fl. 32211
Pone 904-744-2292 (Eve)

REGISTRATION $4.00
Robert J. Cutting W2KGI
1273 N. Nipigon
Atlantic Beach, Fl. 32233

The FCC will be giving amateur and commercial exams at the Best Western Motel in Orange Park (across from the hamfest site) on Friday August 5th. Send 610's to the Atlanta FCC Office before July 22nd.

MOTEL RESERVATION FOR 1983 (BEST WESTERN MOTEL)

NAME_____ PHONE_____

ADDRESS_____

No. SINGLE ROOMS @ $32.00_____ No. DOUBLE ROOMS @ $38.00_____

DATE OF ARRIVAL_____ TIME_____ A.M./P.M.
ALL REGISTRATIONS MUST INCLUDE EITHER THE FIRST NIGHTS DEPOSIT OR BE GUARANTEED BY A CREDIT CARD: CARD No._____ TYPE_____
EXP. DATE____/____/____ SIGNATURE

_____

Rooms will be assigned on a first come first served basis and monies will be refunded if you notify the motel at least 24 hours prior to your scheduled arrival. No reservations will be guaranteed after July 18. For confirmation send SASE. Make checks payable to BEST WESTERN OF ORANGE PARK.
Mail reservations to: ** WAYNE OEHLMAN, WB3DBE **
** P.O. BOX 23134 -:- JACKSONVILLE, FL. 32241 ** (904-268-3981)**

an Alaska vacation and all net reports should now go to him. FMTN Secretary Roy Mackey, N4ADI has returned from a western vacation as well.

FMTN will hold a meeting at the Jacksonville Hamfest on Saturday, August 6th. The meeting will be Saturday afternoon at the Best Western Motel across the street from the Orange Park Kennel Club (where the hamfest is held). FMTN Manager, WB4AID, expects to be in attendance and all traffic handlers are invited. The exact time will be announced on the net.

Band conditions continue to be erratic with long skip confusing us on several occasions. Net members are reminded to be flexible in their tuning for the net. If 7247 is busy when we begin then look a little to each side. It is much better to move one kHz. and have a clear frequency than it is to be exactly on frequency and be covered up with splatter.

Phil, WF4X, has had some nice columns in Skip on traffic handling. If you are new or want a refresher course, these articles make a good source of information which is tailored to our style of operation here in Florida. Despite very limited funding, Phil has done an excellent job as Section Traffic Manager of Northern Florida and has been very visible at hamfests. Hopefully, the League will realize the stupidity of its funding formula for league officials such as STMs and will allow Phil to be even more effective by supporting his office. Some other sections with little traffic activity and few nets get 5 times the amount of funding that Phil has received. It's just not fair. If you are an ARRL member, write your director and ask him to be a little more persistent in getting us in the SE division our fair share of the funding.

Other than frequent lightning storms, there is not much more to report this month. WB4AID will resume the writing of this column next month. 73.

KNIGHTS OF THE KILOCYCLE
53rd Year
By John Witherspoon, W4GUJ

The smoke has cleared from the election of officers for another term and they line up as follows: Master Oscillator Earl, W4NG; Buffer Doubler Gil, WB4QPW; Speech Amplifier Charlie, W4SVB; Chaplain Mac, W4DVR; Historian Phil, W4BCZ. Welcome and good luck to all.

Charlie, W4SVB gave us a brief account of part of his overseas trip which included a number of Hamfests in some picturesque places. He is going to tell us more at a future meeting. He did attend a QCWA meeting and, I understand, he even danced the Polka. We are anxious to hear more.

Herman, WB4FJY, is also back from Europe that included Germany, Russia and many more places. Maybe he will tell us more about it before long. Sure glad Herman is back because even though he was missed here he was missed even more on the traffic nets where he is the number one outlet for South American traffic.

Our new MO, Earl, was very pleased over the number of members checking in on his very first time to call the roll. He uses a forty line sheet and every line was filled. This is a great bunch of old timers and we invite all of you to check in with us each Sunday morning at 7:30 A.M. on 3910 Khz. It takes only five check-ins and you are a full member.

Top twenty on the roll as this is being written are: WA3VDC, W4DVR, W4TZ, N4HBW, WA4ZTY, K4YWK, W4BKC, W4JZV, W4SVB, K4ANJ, W4DNS, W4BCZ, K9BSL, K4IXH, W4BIN, N4FCX, K4AAP, WA4YHN, W4AEP, W8NBU.

THE ICAO PHOENETIC ALPHABET

A	Alpha	N	November
B	Bravo	O	Oscar
C	Charlie	P	Papa
D	Delta	Q	Quebec
E	Echo	R	Romeo
F	Foxtrot	S	Sierra
G	Golf	T	Tango
H	Hotel	U	Uniform
I	India	V	Victor
J	Juliette	W	Whiskey
K	Kilo	X	Xray
L	Lima	Y	Yankee
M	Mike	Z	Zulu

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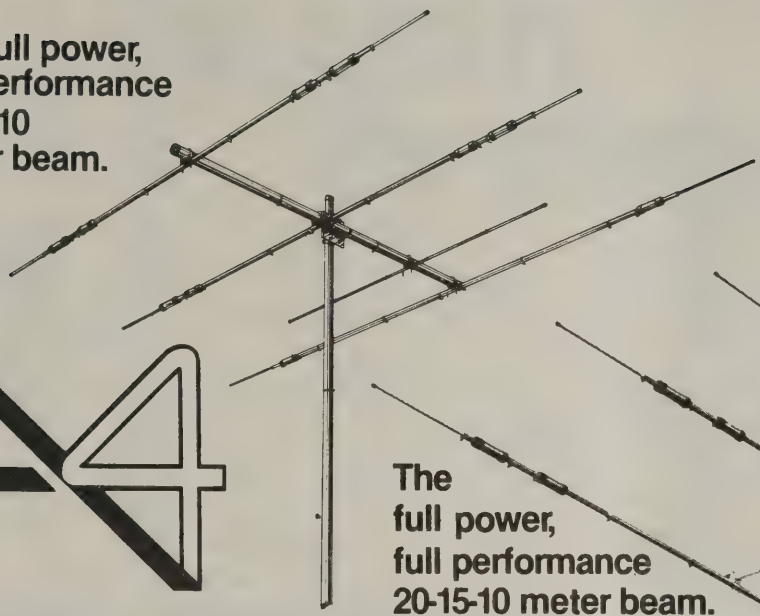

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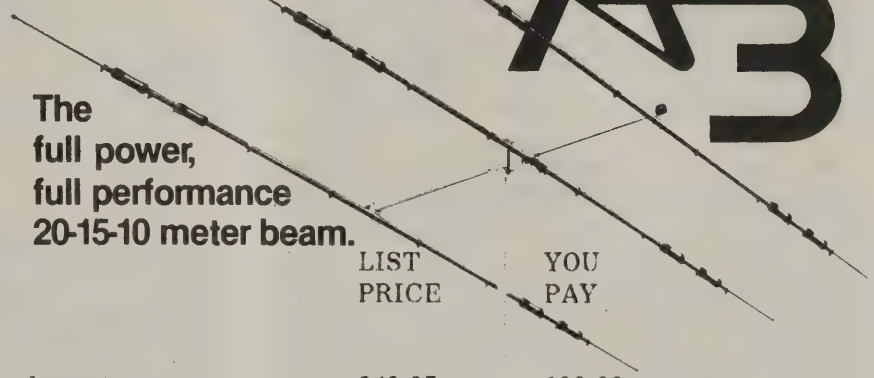
The full power, full performance 20-15-10 meter beam.



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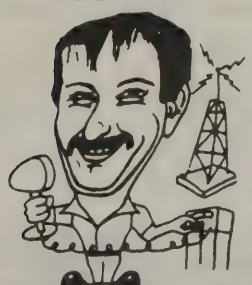
MODEL*	DESCRIPTION	LIST PRICE	YOU PAY
MULTI-BAND HF ANTENNAS			
A3	14,21,28 MHz 3 element	249.95	190.00
A4	14,21,28 MHz 4 element	329.95	248.00
AV3	14,21,28 MHz trapped vertical	64.95	49.00
AV4	7,14,21,28 MHz trapped vertical	119.95	90.00
AV5	3,5,7,14,21,28 MHz trapped vertical	129.95	98.00
R3	14,21,28 MHz remote tuning no radials	329.95	250.00
FM ANTENNAS			
A147-4	146-148 MHz 4 element	34.95	27.00
A147-11	146-148 MHz 11 element	54.95	42.00
A147-20T	144&147 MHz 20 element	89.95	68.00
AFM-4D	144-148 MHz four pole	89.95	68.00
ARX-2	135-170 MHz Ringo Ranger	39.95	30.00
ARX-2B	134-164 MHz Ringo Ranger II	49.95	38.00
ARX-220B	220-225 MHz " " "	49.95	38.00
ARX-450B	435-470 MHz " " "	49.95	38.00

*All CUSHCRAFT amateur antennas are on sale. Please call us for prices on models not listed.

WB4RFC



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1 9 8 3 FLORIDA QSO PARTY BIG FLOP!

Apparently the Florida Amateurs have lost interest in the FLORIDA QSO PARTY. This year was almost a complete flop.

Here are the results of the Party worked up by Bob Denton, WB4FGL our SKIP Proof reader and big assistant to yea Ed. Many thanks Bob.

	C W		S S B		
IL	K9HRC	182	AZ	AK7J	182
MI	W8WVU	414	GA	KA4RVA	10
MI	W8YL	280	KS	N0CLV	118
NJ	WA2AS Q	36	NY	K2POF	462
NC	K4PB	1360	OH	WB8LZR	108
NC	N4BP/M	24	PA	N3AZS	132
SC	N4BP/M	8	PA	WB3BWZ	48
TX	AG5C	144	TX	KX5U	72
KS	N0CLV	112	TX	N5EYF	8
			TX	AG5C	4
			UT	NB7B	8

TOP FL CW: WB4MAI - 18590
TOP FL SSB: KE4LO - 83,546
TOP FL CLUB: Palm Beach ARC - 114.956
TOP OUT-OF-STATE CW: K4PB - 1360
TOP OUT-OF-STATE SSB: K2POF - 462

1983 SOAP BOX COMMENTS

Several poor logs. Some used scratch paper. Half had incomplete info, lacking such things as own call sign, mode, county name, etc. Only 2 stations, AG5C and N0CLV entered both modes. No class A (portable with emergency power or mobile.) entry. One mobile station operated from 2 states. Palm Beach ARC was out in force. Many mentioned conflict with 1. Mother's Day and 2. several other contests. W4-WKQ reports contacting his 200th county when VU2GI in Bombay answered. Even though the County Hunters were active, over half of Florida's countys were not heard from.

Box score: Out of State entries 21: CW 9 SSB 12
FL entries: 21: CW 11, SSB 10.

Certificates will be mailed to all winners. Plaques will be awarded at the 1984 Miami Hamboree main drawing.

C. W.		
BREVARD:	N2WX	1846
	W2HAE	25
BROWARD:	WA4KXQ	420
	WA4LLQ	25
	K4JI	80
DADE:	WB4MAI	18590
	W4IYT	264
HENDRY	AA4BN	6721
MARTIN	K4ZK	375
OKALOOSA	W4WKQ	NIL
POLK	N4BU	1377
WALTON	KF4RR	110
S. S. B.		
BREVARD	W4HVU	364
BROWARD	WO4L	4320
OKALOOSA	W4WKQ	31152
LEON	W4WSZ	20217
PALM BEACH	Wd4KPG	199
	KA4OWW	8358
PASCO	WC4E	20130
PALM BEACH	KE4LO	83546
	N4GZY	19698
	N4FJL	9600
	K4KTZ	2112
CLUBS: SSB	PBARD	114956
	NOFARS	4320
CW	SFDX	18590
(hollywood)	HARC	445

Rejected: KA4FHB unreadable.

EDITORS NOTE: In view of the progressively poor response to the Florida QSO Party each year, this will be the last sponsored by Florida Skip. If the amateurs will not support the Party, we see no reason to spend several hundred dollars and much time and effort to put it on! !

NOW....If any Florida Club would care to take-over and sponsor the Party next year, please make your wishes know pronto. Florida SKIP will give free space for all announcements, etc. in support of the Party. We just do not have the time to put on the Party any more. We need outside help! What say? Do we continue with the 18th ANNUAL FLORIDA QSO PARTY, or let it die. The choice is yours. AC/7/17/83.

THE VHFers ROOST

By Joe, WB4OSN

Your conductor for this issue of the "ROOST" is WB4OSN. Pete is off on vacation, recovering from another VHF jaunt in the Caribbean. This time from Grand Cayman as ZF2EW.

Another who has made a tremendous effort to promote six mtr. activity is Harvey, WD4IYS. The last week in May found Harvey in Barranquilla, Colombia. He was looking for someone who would be willing to make HK active on six. After spending a week with Hans, HK1BAU, HK is now QRV, providing a new one for many.

The month of June, which is typically good for Carib. DX was quite accommodating. While comparing logs with WD4IYS, the following DX tidbits were noted: 6-7: J6LOV, PJ9EE, HK1BAU, DL3ZM/YV5 and the PJ2B beacon on 50.014. 6-8: V3FB & VP2MO. 6-9: PJ9EE. 6-11: K6MYC/HR6 & XE2XW. 6-12: K6MYC/HR6. 6-13: KV4, PJ9, K6HCP/6Y5 & HK1BAU. 6-16: W6JKV/TI9 on Cocos Isl. & YS1ECB. 6-18: ZF2EW. 6-19: VP2KBH, PJ9EE, HK1BAU & several KP4s. 6-20: PJ9. 6-25: FG0DDV/FS on Fr. St. Martin and several had crossband QSOs with CT2EE. Also on the evening of the 25th (GMT) 2 meters roared to life for several hours. WA4OWC, W4VTJ, WB4OSN & others worked; KS, NE, IA, IL, MO, OK, AR, CO. Signals were very stong at times, with most action just above and below 144.200. It pays to keep your 2 meter rig warmed up and tuned to 144.200. 6-27: FG0DDV/FS, VP2K & PJ9. On 7-3 FG0HZW on Guadeloupe was providing a new one for many. QSL Via: W3OTI. QSLs for some of the other active six meter stations are: ZF2EW, V2ADX; Via: WB4OSN, HK1BAU Via: WD4IYS, K6MYC/HR6, W6JKV/TI9, K6HCP/6Y5 Via their home callbook QTH. FG0DDV/FS Via W2QM. VP2KBH Via; K8EFS. V3FB Via Box 108, Corozal, Belize.

While on the subject of QSLing: It seems that there are quite a few who do not know how to QSL properly. Very often I will receive a request for a QSL with no SASE. These are set aside and then are replied to Via the Bureau. Some QSL managers just throw them in the "circular" file. If the card is that valuable to you, then be sure to enclose a SASE for a prompt response.

While I have the soapbox, again I will make my pitch for the observance of the "DX Window" on six. Several stations in the mid-west have told me that they have had trouble working some of the weak Caribbean DX because of W4 QRM in and close by the "DX window". "Especially Florida Stations." You know who you are, so let's keep the bottom 20-25KC of the phone portion of six clear of VE/W QRM so everyone can have a shot at working some DX. Move that rag chew up around 50.200.

WA4OWC reports that all seems to be quiet on our higher VHF and UHF bands. Perhaps with some of the new 1296 gear that ICOM was showing at Dayton, we will see some activity.

Some have asked me about an amplifier to raise their 10 watts or so to the 200 watt level, (for 50 Mhz). In the past about the only way was to build one. I have uncovered a cache of Dentron Clipperton V amplifiers, all ready to play on six meters (250W output) at Crane Amateur Radio in Ft. Lauderdale. Check 'em out & good DXing.

LOCAL AND STATEWIDE TRAFFIC NETS

TIME	NAME OF NET	MODE	MHz
0700Dal.	Florida Phone Traffic Net	SSB	3940
0830	GATOR Net	CW	7090
1200	Florida Midday Traffic Net	SSB	7247
1645	Florida Public Operations Net	SSB	3908
1700	Tropical Phone Traffic Net	SSB	7272
1730	Florida Medium Speed Net	CW	7090
1800	Fla. Amateur Sideband Tfc Net	SSB	3940
2339Z	Northern Florida Phone Net	SSB	3950
1900	QFN, All Florida CW Tfc Net	CW	3651
2000	QFNS, Fla. Slow Speed Net	CW	3715
2200	QFN, All Florida CW Tfc Net	CW	3651
2230	Fla. Amateur Sideband tfc net	SSB	3940
0730 Sat.	All Florida Emergency Net	SSB	3940
0800 Sat.	A.R.R.L. Information Net	SSB	3940

Note: Send corrections to Editor. CLIP & SAVE.

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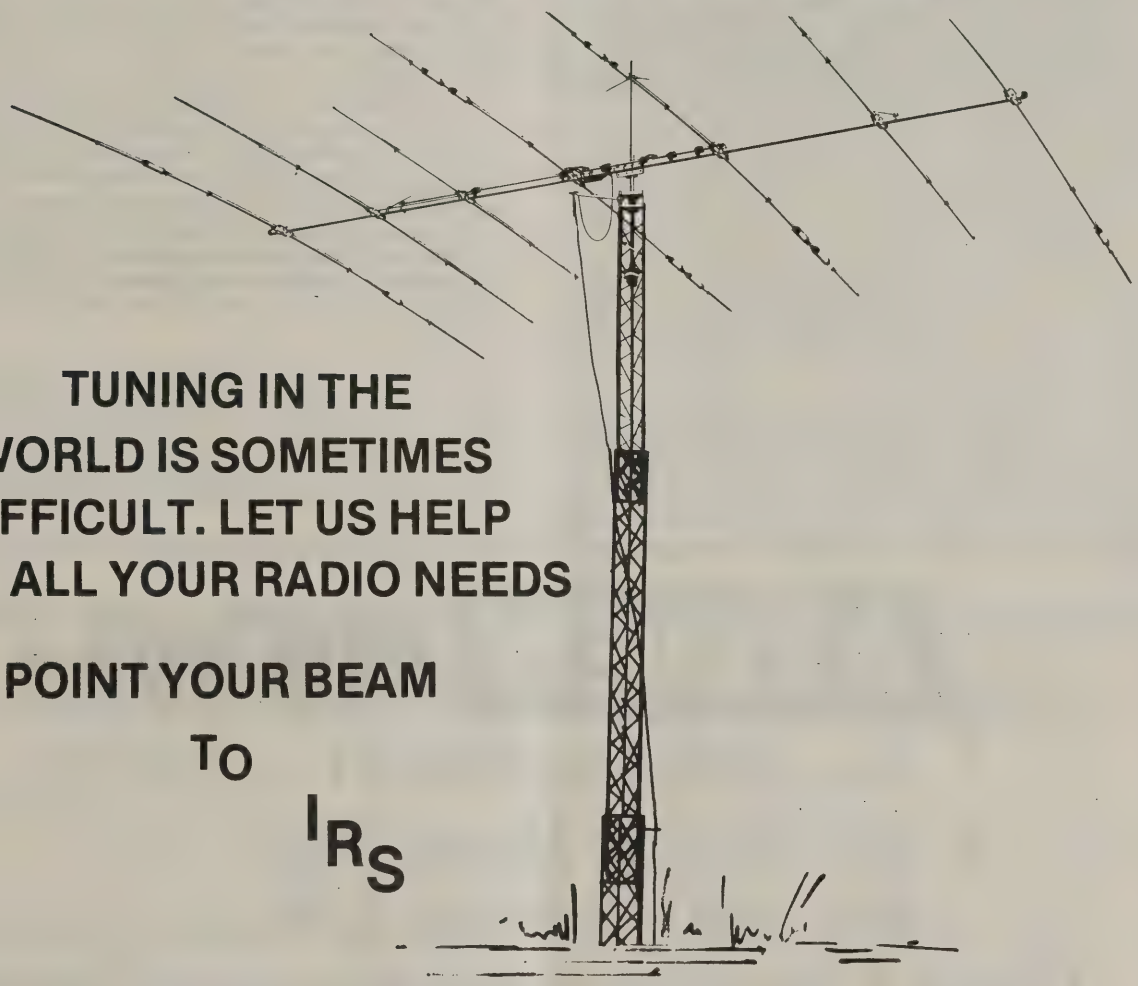

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PALM BEACH COUNTY AMATEUR RADIO COUNCIL, INC.

By W1CCJ (Herb)

Earlier announcements failed to mention that the regular monthly PBARC meeting is held on the 3rd Thursday. PBC licensed hams — you are all members. Now is the time to come to our meetings to eyeball and get acquainted with the operation. Our meeting place, CD HQ on Belvedere Road opposite the WPB airport is easy to reach.

FLASH - RACES program approved by FCC. Details next month.

The communications aspect of the SET (Simulated Emergency Test) on June 4th was a complete success. It was a tri-county effort of Dade, Broward, and Palm Beach counties. Two hundred plus hams were involved with over half from PB county. Although they were short shelter managers, every communications point was manned. National Weather Service radar data was transmitted "live" on Broward and Boca repeaters. The contribution of the CD and CAP operators is to be recognized. Joel (KI4T) and Bill (WA4OUI) were at the PBC emergency operations center to observe during this first multi-county amateur radio effort.

APCO, once Associated Police Communications Officers, now Associated Public Safety Communications Officers is an old, prestigious, highly professional organization. The Summer Conference of the Florida Chapter was held June 8 - 10 at the Jupiter Hilton. Doug Dickinson of PB County Communications Dept. (in charge of conference) scheduled a seminar, DISASTER COMMUNICATIONS - ACTION OR REACTION, which focused on amateur radio. The panel before the group consisted of W4PHL (Al), WD4BCC (Jim), and W4SS (Manny). The ARRL will take part in an appropriate activity at the APCO National Conference in Salt Lake City, Utah, next month.

BITS AND PIECES — W4HAW (West Palm Beach Amateur Radio Club) was host station for local Field Day operations. Details of successful community operation soon from W4HAW. — The PBC school board has completed installation and wiring of antennae in all the many shelters located in their structures. — Director of Emergency Medical Services (EMS) for PB County Paul Milelli newly licensed as KB4FQE. He's one of the professionals on PBARC advisory board. Nice going!!! — Our VP Jan (WA2HOD) had flat tire west of Jupiter. To the rescue went Hank (KA4JTN) and his son Phil (KA1JZX). Enroute they witnessed an 18 year old girl being thrown from a frightened horse. Hank phonepatched info to Tequesta PD who dispatched a car and ambulance. TOTAL ELAPSED TIME — 8 minutes!!! For Jan, a little longer. And a happy ending. Girl and horse both doing fine. — PBARC coordinated communications at Senior Citizen Track Meet at WPB Twin Lakes High. Jim (WD4BCC) net control. Dick (KF4TX) mobiling in area heard activity and came over to help. But between radio contacts he became a contestant winning 1 first place medal (gold), 2 seconds (silver) and 1 third (bronze).

It's characteristic of hams working public service operations to just get the hell out of there when their post is secured. You may be gone for the wrap up ceremonials but, for sure, not forgotten or your contribution unnoticed. At a recent planning meeting for a large public event operation, communications was up for discussion. A gentleman (a prime mover in the SUNFEST festival) took the floor and made a flat out statement that amateur radio was the way to go — and spelled out why. His only motivation was recognition and appreciation for what we had accomplished for SUNFEST. There was a repeat at another similar meeting. This time a boost from a Pratt & Whitney representative in recognition of the communications amateurs provided for the SPECIAL OLYMPICS. If this doesn't make you feel good, better visit W4SS's shrink who treats you in CW.

To: FLORIDA SKIP

From: Palm Beach Amateur Radio Council, Inc.

PBARC extends its sincere thanks for the cooperation and help in spreading the word about the aims and purpose of our umbrella organization.

As we reach out to amateur organizations and individuals, we find many, many new contacts already informed about PBARC thanks to FLORIDA SKIP. This has been a very great help since recent public service activities have involved coordinating and scheduling over 100 amateurs in a single event.

As people dedicated to the advancement of amateur radio, this should please you. A number of outstanding public service oriented people who have been getting exposure to amateur radio operations have been "recruited". Several have been licensed and others are well on the way.

73,

Palm Beach Amateur Radio Council, Inc.

PLEASE DON'T FORGET: Our HAMBAR deadline is the 8th of each month. This means, your ad MUST be in Box 501 by the 8th. DO NOT CALL editors home with HAMBARS or last minute changes. We WILL NOT accept them! All HAMBARS received after the 8th will be held for the following month. Thanks for your cooperation and consideration ! ! Editor.

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BACK-YARD ANTENNAS AND THE LAW

Fedreal

Is it legal to intercept satellite programming with your back-yard dish antenna?

The legal issue is relatively new and the question has yet to be answered by the courts or the federal government.

One legal aspect is clear:

You cannot use your satellite dish to intercept signals for financial benefit. That is a violation of federal law, said John Theimer, engineer in charge at the FCC's Miami office.

Local

Here are the requirements in Northeast Dade:

• The North Miami Beach City Council recently approved an ordinance regulating dish antennas. They can be located only in back yards, surrounded by shrubbery. A permit costs $50. Radio antennas in a residential area cannot rise more than 10 feet above a roof or more than 20 feet from the ground.

• North Miami classifies dish antennas as accessory structures that require a building permit. Radio antennas in residential areas cannot exceed 42 feet in height without a variance.

• In unincorporated Dade County, dish antennas are also classified as accessory structures that require a building permit. Written permission of abutting neighbors is also required. Radio antennas must be no more than 20 feet above the roof or 35 feet from the ground.

• The city of Miami requires a building permit for installation of a satellite dish antenna. Radio antennas cannot be more than 35 feet in height.

• In Miami Shores, permission is needed from the Planning and Zoning Board before a dish antenna can be installed. Radio antennas must be located so that if they fall, they will land inside the property line.

(Sent in by Geo. Booras, Miami)
(NEIGHBORS - MIAMI HERALD)

Here Joanne & Alan Gauzens WA4ATF enjoy chow provided by Clearwater ARS & Metro Repeater Assn. on Field Day. Down line are Nellie WB4FVN and Harry Keith KA4HWY. Why does food always taste better on Field Day? ? (Photo by KA4HWY)

WHO ARE YOU

from Ground Wave (St. Paul) via The Feedline

Recently I had a telephone call from a person, and after a few minutes of conversation I finally asked him, "are you a ham?" He said he was and from then on the conversation went a bit smoother. Why didn't he tell me he was from the beginning? Maybe he wasn't very proud to be an amateur or maybe he didn't want anyone to know. I feel that anytime you talk to anyone, whether on the phone or in person, and the conversation concerns anything to do with amateur activities, you should tell them your call along with your name. It helps to establish your identity as an amateur radio operator.

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SEPT. 10-11, 1983

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PCARS, P.O. Box 1004, Melbourne, FL 32901

LETTERS

W4IYT - Editor:

When are you gonna get on 2 meter SSB? Worked W4EMB in Miami the other night and have been hearing several but they were working locals.

I also worked the following on 6-25 . . . W2FCC in Charleston, S.C.; KC0BM in Lincoln, Nebr.; K0TLM in Kansas City, Mo.; N0LL in Smith Center, Kansas; K0US in Fairbury, Nebr.; KC0QR in Lincoln, Nebr., plus some locals in Georgia and southern S.C. on FM.

Also, worked K8IXY in Winter Park on 6-27 on SSB and had worked the last time on 30 June 1958.

Keep up the good work with Skip and hope you make it to the Jacksonville/Orange Park hamfest. Get the date from Florida Skipor QST. Don't look in them cb magazines like CQ, etc. Skip has them beat.

73,
Richard, K4LFF
Fernandina Beach

•

Dear Andy,

Many thanks to the Spaceport Amateur Radio Club and their very successful repeat of both the Shuttle and Mission Control in its entirety from liftoff to landing, on the 146.34/94 Machine.

Special thanks to Carl Zelich, AA4MI, Andy Anderson, K4GCC, Charlie Sencer, K4RXX, Charlie Pugh, W4AKE, and Walt Hicks, K4PQ, in all the efforts required to get permission from both NASA and the FCC.

Both letters or QSL cards as well as any questions, write K4GCC, P.O. Box 672, Merritt Island, Fla. 32562.

Norman Holzweg, WB4EBH
Cocoa, FL

•

Dear Andy:

I wonder if the ARRL and the vast multitudes out there in ham-dom are actually OPPOSED to the NO-CODE Licensing? If so, why do they say that on one hand and on the other hail the EXPANSION OF TELEPHONY as a victory for ham radio U.S operators? It's the exact same thing in my book, anytime the MICROPHONE USERS move on frequency, off go the CW ops. Telephone and CW mix about as well as water and oil, and you know who has the loudest db! This expansion is the same as no-code in concept; the skill and discipline to use A-1 is fast becoming a lost art and most of the "telephony group" are delighted, I'm sure.

Once again, we who love the Morse Code and use it (instead of "LIP" service) come out on the short end of the stick. Let's be honest, NO CODE is already here.

Barry G. Yoder, W8SJO (CFO NO. 673)
Bradenton, FL

•

Dear Andy:

I read with great interest the Letter to Editor (June-Fla. Skip) from Evelyn Gauzens - W4WYR and think that the Scholarships that D.R.C. are awarding is an excellent project and are greatly appreciated by the recipients plus another way for Amateur Radio to serve the Community.

However, it is not a first in Amateur Radio Scholarships in the State of Flroida. The Gulf Coast Amateur Radio Club has been awarding Scholarships to eligible candidates since 1981. Our first recipient in 1981 was Sherry Hobbick - N4CPA who is attending Stetson University. Our recipient in 1982 was Jeff Bolda - WC4E who is now attending Pasco Hernando Community College. In 1983 we had no eligible candidates, so the money was put into a Trust Fund which we hope will grow and enable us to increase the value of the Scholarships in the future.

Walter Rike - KE8O
President,
Gulf Coast Amateur Radio Club

•

Gentlemen:

As noted in my referenced correspondence, I am enclosing another article which should be of interest to your readers . . . inasmuch as SCARS is based in Florida.

Hopefully you will include it in one of your future editions. We can use the publicity and there are many who would like to learn the history of this service.

Will you list the South Coast Amateur Radio SErvice as one of the nets operating in the southland. Our present hours of operation are in two sessions (due to the lack of net controllers) at the present time . . .: 08:00 to 10:00 and approximately 12:45 to 14:45 (local times). 7255 Khz, Daily.

Many thanks for your consideration.

73,
John F. Barrows, W1HCR
Editor, SCARS Bulletin
Box 932
E. Falmouth, MA 02536

•

Editor:

"What Direction for DX" in July Skip did not mention some limtations. The Geodetic Survey Map centered on Miami that I have only goes out to about 7000 miles and I like to reach out a little further! On the K4KQ map referred to that I have, Sydney, Australia is off some 30°, for example, which is not quite close enough! If anyone knows where an azimuthal equidistant projection map, not a computer printout, centered on Miami, is available I would sure like to know about it.

73,
Wayne W. Cooper, AG4R
9302 N.W. 2nd Place
Miami Shores, FL 33150

•

Dear Andy:

There is no publication here comparable to Florida Skip, with all the Club and Net Monthly columns. It's a great help to see what the activities of your area are!

Many changes have occurred since 1983 started; my new address (we finally have a home her) is 13701 Andele Way, Irvine, CA, 92714. In the process of starting over, I got a 6-land call: NS6W, (Looking for a good compass-based QSL and design).

I was very pleased to see South Florida rank third in the country by Section in the S.E.T. again this year and appreciate all that ARES and NTS did to make it possible.

I'd like to keep in touch and follow the activities of the many friends in S. Florida so am enclosing subscription for another year.

Activity is high here; many clubs, and it looks like fun. I'll be pitching in again — they have asked me to serve as Public Information Officer for Orange Section.

HOpe to have the HF antennas up in 2 weeks and sked to Fla. Best of Luck to you.

73,
Jim Townsend, ex KB4OW
Ex-Melbourne

•

Dear Andy:

The enclosed may be too long for printing in FS. It may be countrary to policy. It may be, in your opinion, utterly without redeeming social significance. If so, pitch the screed in the wastbasket.

However, if published I shall expect to be impeached as President of the Spaceport Chapter QCWA, and be stripped of my membership by Irving TX. Even Newington CT might cancel my QST subscription. Who knows? Wayne Greene might send me some kind of citation (ugh!!) Well (sigh) that's to be expected when one tries to make like Tom Paine.

73,
Spencer Allen, K0REC/4
Cocoa Beach, FL

(EDITOR'S NOTE: Our pages are open for "Guest Editorials" — within reason.)

•

Dear Andy,

Two years ago I wrote about amateur participation in offshore races in the Gulf of Mexico. This activity has continued over the past two years and has now expanded to become "the Lee County Regatta" involving Offshore Races, Inboard Hydroplane Races in the river and Outboard Hydroplane Races in a local lake. Next year long distance sailboat races are planned.

Both the Cape Coral ARC and the Fort Myers ARC supported the activity this year with fifteen amateurs involved with the Hydroplane Races and another fifteen with the Offshore Races. Amateur communications were excellent despite a multitude of crisis in non-commo areas of staging the races.

Handhelds were used almost exclusively for the Hydroplane Races and 25 watt 2 meter FM rigs were used at Race Control and on the six check boats spread around the Gulf race course.

In conclusion I would appreciate hearing from other hams who may be involved in supporting such races.

Sincerely and 73,
Dick McIntyre, K4BNI
611 Coral Dr.
Cape Coral, FL 33904
813-542-8586

TECHNIQUE
by WB4BBH

Where DX is concerned, I've worked lots
The UKs and JAs and what-nots
And I think you should know
You don't need QRO
You can work all the world with five watts.

I spend lots of time QRP
And, Sir, you can take it from me
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Be it sideband or code
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NAVY-MARINE CORPS MARS

By Lee R. Moore
Navy-Marine Corps MARS,
Florida Area Public Relations Officer

Last month the Florida Area Navy-Marine Corps MARS conducted a simulated hurricane alert with stations participating in the 44 hour test.

Eric Kennard, NNN0GAL Two Assistant Coordiantor in charge of emergency communications, directed the operations.

The hurricane drill, called Mars, simulated a real hurricane, Dora, which smashed the St. Augustine-Jacksonville area in 1964, causing over $300 million in damage.

When it was all over and the stations had secured, the Florida Area received a message from NN0ASC Two on the Region Two Director's staff, His message said in part:

"Job well done Florida. Florida Area has proven to be capable to handle any situation that may arise."

Kennard had the ART teams in Florida on active duty during the simulation, the first time the stations had been tested this year.

During the operations 43 Florida stations handled 126 messages.

Other news from the Florida Area:

Lightning paid a visit to the stations of Barbara Noonan, NNN0GAL the Florida Area Coordinator, Inverness, and of Eldon L. McDaniel, NNN0IZK, Jacksonville. Both reported damage to their equipment.

Also on the lightning problem: Peter Harvey, NNN0LMT, of Dunnellon, reports that it isn't enough to unplug your antennas and house current. He says that the grounding system also should be unplugged from your rig.

Bill Armstrong, NNN0JET, Lake Mary, has been in the hospital for some corrective surgery, but is back on the Navy MARS nets and recovering quickly.

The Region Two MARS annual meeting will be in Birmingham, AL, July 30th. Among the featured speakers will be Arthur Delperdang, Deputy Chief of NAVMARS from Washington, D.C.

William Burdick Sr., NNN0VHD, Tampa, has transferred his Navy MARS membership from Ohio to the Florida Area.

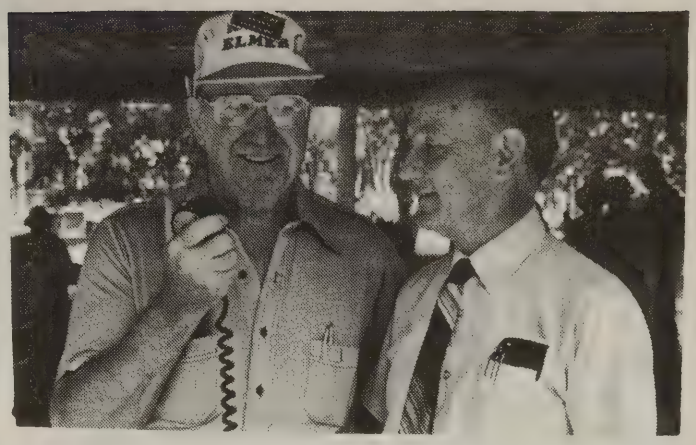
Interested in joining the Florida Area Navy MARS crew? Drop a line to Lee R. Moore, NNN0GAL Eight, 857 N. Garfield Ave., Deland, FL, 32724. A package of information about the requirements.

ARMY MARS
WHAT DOES MARS ACCOMPLISH, ANYWAY?

by Dick, AAR4PP

Colonel Bob Woodside, Eastern Area Director, laid some important information on us at the yearly picnic on July 18. For example:

1. Back in '68, the Army began to phase out its HF radio equipment, committing itself to exotic frequencies, satellite relays, etc. However recent studies reveal that HF communications recover before VHF and UHF after the electromagnetic spectrum has been zonked by a nuclear blast. (And CW before SB and RTTY, incidentally.) Which means MARS members, with the Ham HF gear and surplus 390-A's, etc., will be needed to run interconnects if and when our nuclear deterrent fails to deter.



Here's Eastern Area Army MARS Director, Colonel Bob Woodside, with Florida State MARS Director, Elmer Kusluch K4IZR/AAR4FL (with the mike and hat) at the Florida Army MARS picnic, July 18th at Moss Park in Orlando. (Photo by AAR4PP)

2. Government evaluations show that conventional communication facilities, like phone companies, are quite capable of restoring lcoal services after emergencies, but they are not well set up for DX. So, once gain, everything in your shack, from the antenna connnection to the phone-patch, could be needed by your government. It's like insurance: you hope it never has to pay off, but it's good to know it's there.

3. If this seems a smarter way to use the amateurs than what was done during WW II, you are so right.

4. Eastern Area MARS alone, during 1982, did this: 175,429 messages handled. 7,449 phone patphes. 505,894 total hours of participation.

5. Based on a value of $5 per message, $15 per European phone call, and $25 per Far East phone call, that comes to a value of $995,270, which is more than a day's pay, even if you own an all-Collins station. Add the value for the time Eastern Area MARS members put in (assuming minimum wage), and you come up with $1,688,045, which you have to admit makes MARS an enormous value to the Nation, even if your last name is Proxmire.

"TOUCH CONTROLLED LAMPS" CREATE RFI

The newest members in the growing cadre of RFI-causing devices are "touch-controlled" lamps, being sold nationwide by many major companies. These lamps produce headaches for hams operating in 160 and 80 meter bands. As a bonus, they ruin the whole a.m. broadcast band. In theory, the lamps fall under FCC part 15, but until the Commission is aware that the problem is widespread, it seems unlikely that anything can be done. If you are experiencing a problem with RFI caused by these lamps, let ARRL or FCC know so that the scope of the problem can be documented.

(Via ARRL Letter)

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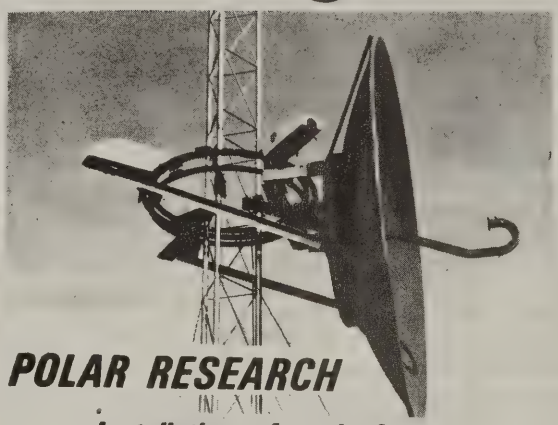

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Anything Taken In On Trade

SOUTH FLORIDA PUBLIC SERVICE AMATEUR RADIO CLUB, INC.

By Jim Hulbert, K4AIZ, Hialeah, P.D.

Every now and again, we as amateur radio operators, have the need for communications with a public safety (police or fire) agency when we are away from a telephone. We, as individual operators or as clubs and organizations, put forth a lot of effort towards reliability in equipment, and incur expenses for the equipment and its performance. As a result we, as amateurs, have sincere interests to assist our fellow man in times of need.

Monthly, the Dade County A.R.P.S.C. committee meets and discusses areas of interest to our ham radio community. There are representatives of many walks of life with varied interests that pertain to all of us. Judging from the representation at these meetings, there are a great many amateur radio operators in the South Florida area.

As a representative to the A.R.P.S.C. planning committee and the South Florida Public Service Amateur Radio Club, Inc., in Hialeah, Fla., I'd like to bring you up to date on some efforts in our area.

The S.F.P.S.A.R.C., Inc. sponsors and maintains a repeater on 144.830 Mhz input/145.430 Mhz output. With the joint support of the City of Hialeah, an emergency autopatch is operational. This repeater serves all amateurs, and is located near the Hialeah Police Communications Center and the City of Hialeah Emergency Operating Center which handles traffic for Dade County Zone No. 3. The support includes the Red Cross for this area. The S.F.P.S.A.R.C., Inc. is comprised of individuals who, by their chosen careers work in the fire services, police services, first aide services, and utilities services. It's nice to know, these days, that many officers riding in their patrol cars and firemen at their locations have communications in the ham bands.

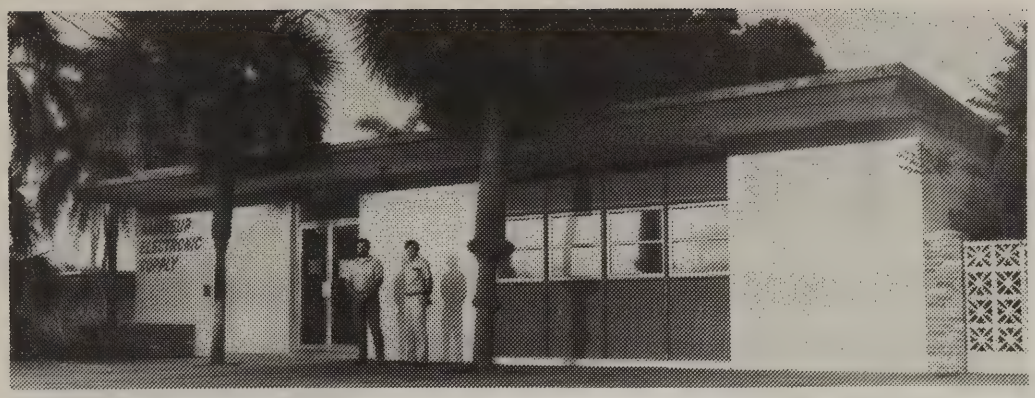
The S.F.P.S.A.R.C., Inc. would like to put forth the following guidelines for opeation of the autopatch during emergency usage:

1. This autopatch is for portable or mobile use and not meant for use when other telephone service is readily available.
2. You are asked to access the repeater in a normal manner and announce your amateur radio call sign and the type of emergency that you're experiencing.
3. Via your touch tone pad, depress 911911 as one number without releasing your PTT switch. Then unkey your radio.
4. Our equipment will auto dial and ring at the 911 Center of the Hialeah Police Department.
5. Please remain calm and speak distinctly.
6. State your Call Sign and then the nature of the emergency.
7. Remember, although you're on a repeater, autopatch is simplex in nature.
8. Be prepared to have to repeat your statements, your name, and other information for logging at the 911 Center.
9. There are bi-lingual 911 personnel on duty. If needed, please request one to come on line.
10. When recontacting the 911 Center regarding a previously recent call, refer to that previous call, for coordination.
11. When your call is completed, depress the number sign on your tone pad. This will bring the autopatch down.
12. If, If you use this repeater from the Broward Area regarding an emergency in Broward, your call can be transferred or your message relayed.
13. If, If you use this repeater from outside the City of Hialeah, advise the 911 Center personnel of the geographic location the emergency is occurring at, so that your call can be transferred or relayed as the case may be.

WE ARE HOPING THAT THIS EQUIPMENT WILL BE USED IN THE MANNER FOR WHICH IT IS INTENDED. THANK YOU.

C W B L U R B S
Barry Yoder W8SJO/4

C W OPS: Know "E" is just a bit of a DIT.
C W OPS; Are always "DASHING" around.
C W OPS: Say lots with DOTS.
C W OPS: Poke fun at each other.
C W OPS: Are unspeakably talkative.
C W OPS: Are the ham bands "BRASS" section.
C W OPS: Know the keys to communicate.



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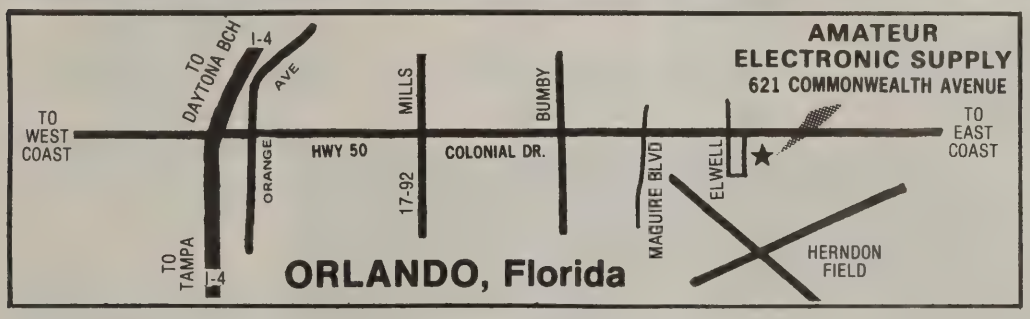

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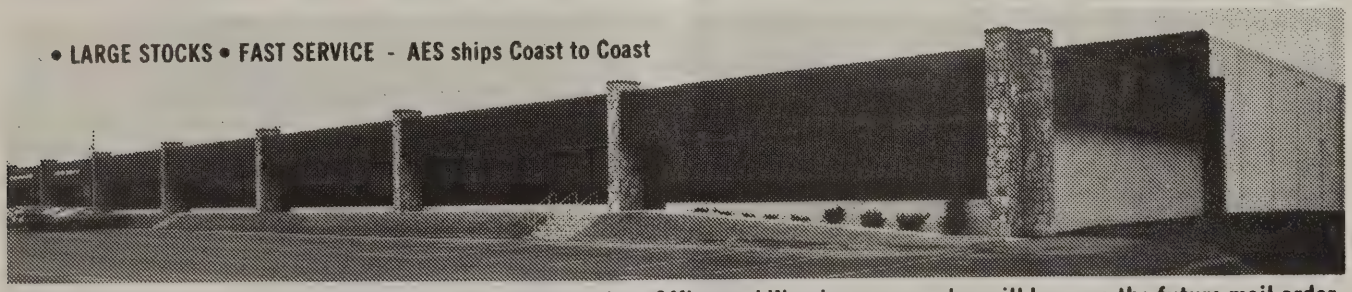

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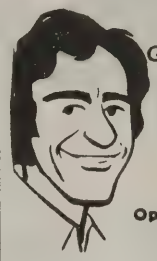
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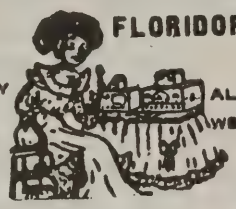
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Magnum Distributing introduces another fine product to the electronics industry, the "MAXCOM" AUTOMATIC, HIGH SPEED ANTENNA MATCHER.

By using the latest space age, solid state technology, "MAXCOM" will tune one antenna from .3 MHZ to 70 MHZ with a VSWR of less than 1.5, when properly installed, automatically, without external control leads, in either the dipole or long wire configuration.

"MAXCOM" matchers are now available in three models covering 500, 1000 and 2000 WATS P.E.P. Their light weight and small physical size make them ideal for self supporting dipole installations. (Maxcom 500 and 1000, weight 2 lbs. size, 4.75"W, 3.75"H, 2.25"D, Maxcom 2000, weight 4 lbs., size 7.50"W, 4.75"H, 2.25"D.)

"MAXCOM" matchers are manufactured by Terramar Systems, Inc. of Fort Lauderdale, Florida, and were initially developed for military and commercial applications that required extremely wide spectrum, HIGH SPEED, transmit and receive capabilities, high power and reliability, 100% SOLID STATE.

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Ham radio's the game,
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Where we used to plant the flower,
Now stands my 40' tower,
My equipment is enhanced,
By my ticket that's Advanced.
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Which didn't cost much money,
And with the Kantronics software,
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The rig's a YAESU FT107,
Which works liek it was made in heaven,
There's a 4 element tri bander high atop my tower,
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SELLING OUT: YAESU FT-650 6 meter transverter $100.00. Yaesu FT-221R W/YC-221 digital display $300. ARCOS 2 M KW, new 8930 tubes with PS $750. Model 28RO teletype $50. 12 volt 75 amp. continuous, 120 amp intermittent $200. 4CX1500B tube $75. 8mHy 600 Ma. choke $20. 4 mHy 1 amp choke $25. COLLINS %IJ4 needs PS transformer $150. TU7B tube tester $35. Steve Carson KE4MN, 2715 Sherrilane Dr., Cantonment, FL 32533 904 477-6298.

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SELL: TEN TEC CORSAIR as new with all filters, power supply and speaker, mic $875. (Was $1385 retail). Toyko 2000 watt antenna tuner $174. C. R. Crowley WA4EDW, 5320 - 26th St. West., Bradenton, FL 33507 813 746-1295 or 813 756-6456 anytime.

MINT: Kenwood TS-520S, brand new finals, looks and performs like new. In original carton $400. Will deliver within 75 miles. (Just bough a new TS-530S) H. Russ Tower K1DOW, 13 Maple Dr., Arcadia, FL 33821 813 494-0118.

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'JUST WHEN SOME OF US ARE BEING PUT OUT TO PASTURE, WE HEAR THAT SOCIAL SECURITY IS RUNNING OUT OF GRASS . . . . . KIGGP/4. . . . . .

FOR SALE: Heath HW-8 and matching power supply. Built-in calibrator and provision for external keyer. Excellent condition and includds manuals $125. EICO mod. 460 scope with manuals, good condition. $80. Bob Fowler KF4WU, 1472 Windward Dr., Melbiorne , FL 32935 305 254-0894.

FOR SALE: DRAKE R4C receiver, T-4X transmitter, AC-4 power supply, all cables and manuals. T-4X not used since being serviced by R. L. Drake Co. Very clean, extra set new matched finals. Money order or cashiers check $415. UPS or $400. pick-up. Claude Belecher K4DBM, 3504 Plum St., Jacksonville, FL 32205 904 389-4226.

FOR SALE: KENWOOD MC-60A desk mic used 30 minutes $65. Atlas 350XL Mark II latest model 350 watts input all solid state, digital dial, frequency counter to 40 MHz, spare final amplifier module, power supply 32 amps 14 volts, 160 thru 10 meters plus 30 and 17 meters, factory manuals and cartons, perfect condition $595. I ship, you pay. Bill Fannin ND4P, 2710 Sunny Brook Rd., Jacksonville, FL 32216 phone 12 noon till 11 PM 904 641-3440.

FOR SALE: Both in very good excellent condition. HQ-180A receiver, 540 kHz to 30 MHz and Palomar VLF converter, excellent audio, both $245. Will sell seperately. Would like you to try it and check it out before buying. Otto Freytag K4QFM, 301 east 24th St., Riviera Beach, FL 33404 305 - 844-5893.

For SALE: Hy-Gain 4-BTV 40-20-15-10 meter trap vertical, like new condition. $58.00. Prefer pick-up. Andy Clark W4IYT, 41 Lenape Dr., Miami Springs, FL 33166 305 888-3874

FOR SALE: Kenwood 2 meter FM 40 watt transceiver TR-7850 and Astro 12A d.c supply $250. Both from an estate and not used over a total of 2 hours. Ringo Ranger AX2B antenna, assembles but not used $20. No shipping. Ray Reel W0GQL, 7001 142nd Ave. N. No. 341 Largo. FL 33541 813 536-2037.

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FLORIDA 2 METER REPEATER MAY. 3rd editon. Each city has it's own box with frequencies listed therein. It has another listing along the left side. Printed, black on yellow bond easy to read paper 11 X 17 inches. Only 25 cents each with your No. 10 Self Addressed Stamped Envelope (SASE) to: May, Florida Skip, Box 501, Miami Springs, FL 33266. PLEASE NOTE: Our Box ZIP number is now 33266 - not 33166. Post Office changed it!!!

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PROBLEM: The staff is interupting its coffee break to have lunch. . . . . K1GGP. . .

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NOTICE: WHEN DOES YOUR LICENSE EXPIRE ? ? ARE YOU SURE? TAKE A LOOK N O W. If you need a new FCC 610 form, send a SASE to FLORIDA SKIP, Box 501, Miami Springs, FL 33166 for prompt service, all free, of course.

FOR SALE: 1980 USA and DX CALLBOOKS $7. each. Archer 8 ohm dynamic earphones, like new $6.

Heath Amateur radio Novice license course (continuing education) with tapes, excellent coursenew $30. Alliance HD-73 heavy duty rator and remote indicator plus cable $75. with owners manual. McGohan, 10 watt PA amp. one of the best $23.00 All above plus UPS. A. C. Clark W4IYT, 41 Lenape Dr., Miami Springs, FL 33166 305 888-3874.

FOR SALE: SWAN 500C with 117XC pwr supply and DD76 digital readout $295. Realistic DX-300 digital, all band recvr $125. Realistic DX-150A, all band rcvr $60. Heathkit HW-7 QRP right with a.c. supply, speaker Q Mplifier $75. 5" Precision scope $25. Jim Roper W4NJM, Box 691, Key Largo, FL 305 451-2919 days or 451-3475 evenings please.

FOR SALE: Heath SB-221 2kW linear amplifier kit in original sealed cartons $495. Mint Kenwood TS830S with matching VFO-240 remote VFO $825. Allen Richter W4PHL, 3723 Belvedere Rd., West Palm Beach, FL 33406 305 683-0880 weekdays.

HARD WORK: AN ACCUMULATION OF THINGS YOU DIDN'T DO WHEN YOU SHOULD HAVE. . . . . K1GGP. . . . .

FOR SALE: YAESU FT-101EE, mint $475. Bill WA4SCW 1445 Charles Rd., Ft. Myers, FL 33907 813 936-5023. Last name is Walker.

SELL: KENWOOD TS820 with digital display and F.T. 2.1 filter, SP820 external speaker with audio filters, plus MC-50 mike. Excellent condition $650. Frank Nankin K4BNZ, 16558 N.E. 26th Ave., North Miami Beach, FL 33160 Days 305 - 940-6155, nights 305 944-1908.

FOR SALE: HAMMARLUND HQ110C, 6 thru 160 amateur bands. National NC-300 amateur bands 10 thr 160 plus CB. $75. each. Drake 1kW low pass filter $20. new. WANTED: FC107 tuner and 8 or 9 digit counter. R. W. Cox KC4NN 1518 Siena Ave., Coral Gables, FL 33146 305 661-9645.

SALE: Drake station with amplifier. Asking $1700. Will sell equipment separately. Contact Sandy c/o Michael-Ann Russell JCC, 18900 NE 25 Ave., N. Miami Beach, FL 33180 305 932-4200 for more information.

FOR SALE: TEN TEC TRITON 4 with a.c. supply $400.00 D-104-C Astatic mike $50. Nye Viking Esk-001 keyer and key $50. Hy-Gain TH3 Jr $75. CDE Ham 4 rotator, never used $75. All equipment in excellent condition. Lyall Binkowski WA4-HUT, Box 652, Windermere, FL 32786 305 876-2503.

FOR SALE: 40 ft. crank-up tower, Hy-Gain TH3 MK-3 3 el. beam, 75M dipole, Ham-M rotator, package deal only $375. Rhea King K1ERT, 347 Cypress Dr., Lake Park, FL 33403 305 848-5698.

FEAR BRINGS MORE PAIN THAN THE THING IT FEARS.....

FOR SALE: HARRIS RF103A linear amplifier 2-30 MHz. 3-1000Z requires only 65 watts drive. Tuned input. Works well with TS120S solid state exciter. Automatic tuning/channelization. Full wave bridge choke input 3000 v.d.c. at 1 amp power supply. Unit weighs 300 lbs. Mike De Zego WA4RXC, 208 Southgate Blvd., Melbourne, FL 32901 305 725-2625.

FOR SALE: Hustler 4-BTV vertical with 75 Meter resonator $35. Finco 6&w meter beam $5. Pick up only. Forrest Haynes, K4YPO, 4419 Forest Rd., West Palm Beach, FL 33406 305 965-0419.

FOR SALE: Kenwood TR-2400 H.T. 2.5 watts hi power, TTP, 10 memories, scans all memorys. Kenwood ST-2 base stand charger, a.c. wall charger, extra battery pack, belt clip, 2 M vertical. Ready for operation and all in excellent shape. All for $250. Bob Brown N4HRR, 3040 Tropical Trail, Lantana, FL 33462 305 967-7326.

A WISE MAN WILL MAKE MORE OPPURTUNITIES THAN HE FINDS....Bacon. . . . WD4JNS. . . . .

FOR SALE: Hy-Gain 205BAS completely assembled then partially disassembled into manageable sections. Never outdoors. Brand new with 5kW balun $275. (Pick up because shipping and handling extra) Ky-Gain 155BAS outdoors 6 months. With 5kW balun $140. Heathkit programable doorbell $10. Heathkit ID-1990 digital barometer $75. CW sendin' machine $60. UPS extra. Wanted: Yaseu FTV-901R Transverter. Mike Raskin K4KUZ, 561 West Tropical Way, Plantation, FL 33317 305 583-4026.

FOR SALE: KWM2, PM2, CC-1, 312B5, DX engr. speech proc. WARC crystals incl. Extra tubes $800. package. HQ-170AC $100. HQ-100 and speaker $75. Dave McDonald K4EWC, 2091 59th St. No., Clearwater, FL 33520 813 536-4316.

PLEASE NOTE: ALL HAMBARS ARE $2.00 MINIMUN, 5 CENTS A WORD OVER FORTY WORDS. SEE RATE CARE INFO FOR MORE DETAILS ON OTHER DISPLAY ADS. THANKS. EDITOR

WILL TRADE: GLA-1000 for 2 meter rig or ? ? Can not use it with my TS-930. Jose Gutierrez, 4240 NW 191 Terr., Carol City, FL 33055 305 624-4965 after 11 a.m. KB4BHI.

FOR SALE: Circumstances dictate clearance sell-out of my fine collection of radio magazines, mainly consisting of the following: QST magazine 1916 to present, all in ARRL finders, good to excellent condition, solid run, plus 100 or more spare copies early years. Ham Radio magazine 1968 to 78 in binders, excellent condition. CQ magazine 1945 to 79, most in binders, 3 copies missing, very good. 73 magazine, complete 1960 to 78 good to excellent condition. ARRL Handbooks, 1927 to 1982, near complete file, plus number of spare copies. Stack of "R- 9" and "Radio" magazine from 20's to 40's. Prefer dispense entire collection together, but will split for quick disposition. All offers considered and acknowledged. Buyer may have free many old numerous magazines and books. Address serious offer to: Rod Whitter W4BI, 3511 SE 10th Ave., Cape Coral, FL 33904 813 542-1058.

POLITICAL CONVENTIONS CONSIST OF A DONKEY, AN ELEPHANT AND A LOT OF BULL. . . K1GGP. . . . . .

SELL: Sony AV8600 color video R.R. recorder, manuals $175. Sony TVC2010 BW Video R.R. recorder with Sony TV/monitor $100. Both excellent, plus shipping cost. Many tapes included. Dr. Tony Slapkowski K4AWS, Old Route 301, Box 15, Sumterville, FL 33585 904 793-5202.

FOR SALE: Yaesu FT-207R, 2 meter hand-held with batteries, charger and extra antennas. I'm chaning hobbies and will accept any reasonable offer. Guss Wilder WB4QWA, 2622 Fallsrock Dr., Clearwater, FL 33519 813 796-0506.

BEST OFFER: Macrotronics M-8000 for TRS model I disk drive, HAL ST-6, teletype model ASR-33, DEC PDP 11 computer, General Automation Computer, Univac 1710 card reader, Centronics 306C and DEC writer II printers, Tri-Data Catrifiles 10/20/40, 10T. Lester Dwyer KA4B, Chaminade H.S., Hollywood, FL 500 Chaminade Dr., 305 989-5151.

SELL: YAESU FT101E, YD 148 mike, FL 2100B, FV101B, external speaker, YO-100 scope $1250. as package. FTV-250 transverter $125. FT-221 all mode 2 meter transceiver with Ringo Ranger, $300. SWAN-3000 wattmeter $75. 12 sections Rohn 25 tower, Make offer or trade for any of the above. Want programmable scanner, solid state transceiver. James Chaney Rt. 2 Box 311, Haines City, FL 33844 813 422-1389.

MOVING, MUST SELL: Collection of general coverage receivers. Excellent condition. HQ180AX, SP600JX-1, R274D, GPR-90, HQ-140X, HQ-100A. No resonable offer refused. Also Panasonic RF 4900. Transformers, tubes, speakers, books, parts and cullectables. Bill Thompson, 1095 NW 147 St., Miami, FL 33168 305 685-1993.

IF YOU WANT TO FORGET ALL YOUR TROUBLES--WEAR TIGHT SHOES. . . K1GGP. . . . .

FOR SALE: KENWOOD TWINS, T-599, R-599, manuals. Rcvr has Kenwood CC-29 two meter converter built-in. $350, or trade for Yaesu FL-2100B. Fred Davis N4CTR, Lot 263, 220 N.E. 12th Ave., Homestead, FL 33030 305 245-5592.

SELL: KENWOOD TS830S and VFO - both $895. Heath SB-220 with 10 mtrs $425. Bob Breitweg WD4DZH, 17851 SW 57 St., Ft. Lauderdale, FL 33331 305 434-2954.

SELL: TEN TEC OMNI D series B, mod 243 power supply external VFO, Vesa Tuner 3kW antenna match, excellent condx with manuals $800. Leon Stanley WA4EFN, 6500 SW 26 St., Miami, FL 33155 305 665-6417 evenings.

FOR SALE: Tekronix oscilloscopes, many margains. HP signal generators. Many digital ICs. Send for prices. Curt Smith W4LBE, 6560A San Pedro Sq., Winter Park, FL 32792 305 - 671-4536.

K4EJI ESTATE SALE: Drake t4XC, R4C, AC4, MS4, mike $395. MFJ 484 Grandmaster memory keyer $60. Heith VTVM IM-10 $10. Heath Cantenna $8. Bassett AC 20/40 antenna $20. FREE: 40 ft tower, two 20 ft sections, no crank down, no tilt over, you take down and take away. Roy McCarty W9KA, 3960 NW 32 Terr., Ft. Lauderdale, FL 33309 305 731-4145.

INFLATION MARCHES ON, MAKING IT POSSIBLE FOR US TO LIVE IN MORE EXPENSIVE HOMES WITHOUT EVEN MOVING.

FOR SALE: DENTRON Peak Reading power mter, mod. WP1A, 1.8-60MHz, 20W - 200W & 2kW, VSWR scales, Peak & Hold readings, 115 v.a.c. like new with manual $57. Panasonic Cassette tape recorder, built-in condensor mike, a.c. cord, automatic stop, & all that good stuff, excellent condition with extra empty cassette tapes, $27. OLSON Dynamic mike, uni directional Mod. M-340, base station desk stand, off-on sitch, 5' cord, adjustable gain control (slider) built in. A real nice looking mike $15.00. Andy Clark W4IYT, 41 Lenape Dr., Miami Springs, FL 33166 All above plus UPS. Phone 305 888-3874.

STOLEN EQUIPMENT: AZDEN PCS-4000. S.N. 201416 from St. Pete area. Contact H.H. Brugman W4OKH, 6405 - 41st Av. No., St. Petersburg, FL 33709.

STOLEN EQUIPMENT; YAESU FT-408R H.T. S.N. 1M070136. from Miami Area. Contact. Mike Armstrong K2RDB, Miami, FL phone 305 387-3940.

REMEMBER! All stolen equipment listed FREE in this column, regardless if you are a SKIP member or not. Please give S.N. and complete "contact address." Editor

SALE -TR ADE new Info-Tech M200F code receiver/converter, Morse, Baudot, ASCII $350. value against digital transceiver or 2 mtr hand held. Sell Astatic D-104 mike $20. Larry Hawes, KA4QZQ, 436 Bradenton, Venice, FL 33595 813 493-8238.

KENWOOD TS-430S CASCODE KIT, SIMPLY AMAZING. TS-930S 2.1 kHz SSB CASCADE KIT. SUPER SELECTIVITY. WRITE OR CALL U.I.R.C., 1532 SE Village Green Rd., Suite "N", Port St. Lucie, FL 33452 305 335-5545.

SELL: Collins 75S-3B, 32S-3, 516F-2, all excellent $630. You pick-up only. Drake MN-2000 1kW antenna tuner, extra clean $160. Will ship this item. Bill Blum, N4GHR, Box 1125, Lake Worth, FL 33460 305 588-3989.

FOR SALE: Drake ML-2 two meter transceiver, AC/DC PS, 12 channels with crystals $65. RCA Senior voltohmyst with high voltage probe $25. Vibroplex with case $15. Telephone amplifier $8. RCA power-line monitor $5. All in good condition. Eli Nannis K4JMH, 14996 Imperial Point Dr. N., Largo, FL 33544 813 595-3111.

SELL: ICOM IC-551, 6 meter $275. EX-108 PBT/processor $60, BOTH $325. Metron MA-1000B 1kW linear w/10M $625, METRON PS-75 supply $300, BO TH for $875. Drake PS-7 heavy duty 25A $195. ICOM-PS15 20A $95. SEARS Roadtalker 10M SSB/CW/AM $70/Trade. Clegg all-bander 0-30mHz/2 M converter (10/80 QST) $80. R. S. QuickPrinter II $50/trade. Bob Gobrick WA6ERB/0 14311 W. Virginia Dr., Lakewood, CO 80228 303 986-0189 evenings.

FANTASTIC OFFER. RTTY, ASCII, Morse, Send-Receive compatible with any transceiver (VIC-20 computer, Kantronics Interface and sofeware) $235. New 26 ft. boom, Wilson 5 el. tribander $150. Steve Taber W4ITD, 3265 NE 31 Ave., Lighthouse Point, FL 33064 305 781-5387.

SELL OR TRADE: 20 amp Variac, 3000 Volt P.S. 500 Ma., assorted Tertronix CRTS new, 4-400A with socket & chemmeny $60. Raytheon 4D32 new boxed $30. each. Collection of 30 years, boxed receiving tubes, one dollar each. Milt Levy W5QJT, 314-N Resler Dr., El Paso, TX 79912 915 581-2017.

FOR SALE: YAESU FT101ZD with c.w. filter and fan, top condition, original carton and manual $450. AEA MBA6RO cw/RTTY reader with a.c. adapter and stand $125. George Briggs KA4KNI, 1718 Linwood Cir., Clearwater, FL 33515 813 - 442-4548 No collect calls please!

A STEAL AT $299. Swan 500C, 16B special. VX-2 VOX-2 vox control. Extra set final tubes. SWAN 117XC speaker and power supply. This rig is on the air at this time. R. R. Sutter W3SOB, 6051 Twin Lakes Dr., Oviedo, FL 32765 305 678-3070. No collect calls.

ESTATE SALE: 40 Ft. Galvanized steel, crank-up tower. 3 el. Swan tri-bander 11 element 2 meter beam, Cushcraft 2 meter Ringo CDE rotator and all cables $350. for all. Drake MN4C antenna tuner $75. Infotec M-300C keyboard, Infotec M-200-F interface, Sony video display for CW or RTTY, make offer. Hal Jordan, WA4MEV, 4915 N.W. 52 St., Tamarac, FL 33319 305 733-5940.

ESTATE SALE: Olson phones $4. Shure Ten-Four PTT mike $5. Eico 5" scope mod. 460 with book. needs work $10. W4IYT, 41 Lenape Dr., Miami Springs, FL 33166 305 888-3874 evenings.

FOR SALE: HQ170 receiver $75. BC-794 receiver $50; Mini quad antenna $50. HP-10 power supply $10. Transformers for DX100 $20. John K. Mensing W4MFL, 321 Monroe Pl. S. Pt. Orange, FL 32019.

FOR SALE: Panasonic RF-4900 general coverage HF receiver $299. plus UPS. Kenwood YK-88SN 1.8 kHz SSB IF crystal filter unit for TS-130S, TS-530S $39. I need room for CW filters. Oren P. Rappoport KA4ZIU, 13901 SW 75 St., Miami, FL 33183 305 387-3373.

FOR SELL: Ten Tec Argosy 525 $400. Ten Tec Electronic keyer $50. Santec HT-1200 a.c. & d.c. chargers $200. GSC 12V 6A power supply $50. Cushcraft AV-5 $50. Panasonic tuneable scanner 8 memories $200. 30-512 MHz, 144-174MHz, 450-480 MHz, 482-512MHz. Tennetrac crystal scanner $75.00. Clegg F-27B $75. MFJ c.w. filter $10. Estate pf W4APN. Contact L. Kent WA3YMV, 900-4222 U.S. 41 No., Brooksville, FL 33512 904-799-1638.

SELL: HENRY 2K3, 2kW PEP amplifier, mint, new 3-500Zs, new spare power and ant. relays plus 5 H.V. rectifiers. 10-80 meters on castered matching frame for mobility $550. Monte Freedman W4MGL, 7010 SW 16 St., Royal Palm South, Plantation, FL 33317 305 792-4600.

NOTE CLUBS: As a way of introducting more new club members to FLORIDA SKIP, we will ship, via UPS a goodly supply of back issues "as samples" to any Florida club for distribution at meetings to its members. If your club is interested, drop me a line and we will get you on this list. Editor.

WANTED: 72-ft. EZ-way tower, manual, will copy for Auto-Mate K5/50 keyer; fan for pioneer Magnetics mod. PM297A-2 13.8V, 50A power supply; two 8-ohm full-range outdoor speakrs; weatherproof housing for Priness telephone. Geo. Sands W4EOB, 1412 Winkler Ave., Ft. Myers, FL 33901 813 936-5661.

THE BEST WAY TO CHECK IF A POLITICIAN IS LYING IS TO SEE IF HIS MOUTH IS MOVING.....K4TTO.....

SELL: SWAN 700CX with 117XC matching power supply - spkr, Swan DD-76 digital display, SWAN VOX unit, quiet fan, 19 spare tubes, instruction manual. Perfect condition. $325. CASH. Charles Herron WD4NWS, 7717 Coral Blvd., Miramar, FL 33023 305 981-1153.

FOR SALE: DRAKE C-Line FL 250/500 filters. Units serviced by R.L. Drake Co. MS-4, AC-4 power supply. Cables and manuals. Extra crystals. New matched extra finals $500. pick-up. $518 iva UPS. Cashiers check or money order. Claude Belcher K4DBM, 3504 Plum St., Jacksonville, FL 32205 904 389-4226.

SALE: HT-32 and SB-33 transceiver with mobile unit. Both with manuals, neither work, make offer. Gus Perry, 11011 SW 104 St., Miami, FL 856-4094 (305).

I NEVER HAD ANYTHING....NOW THAT'S ALL GONE...W2CRW.

FOR SALE: Heath SB-301 receiver, SB-401 transmitter, low pass filter TR switch and speaker with manuals. Excellent Novice rig..now in operation. Will ship UPS. Prefer you see it $300. Doc Abbott Kagan WA4HDH, 1362 Plumosa Dr., Ft. Myers, FL 33901 813 332-0464 home or 334-0531 Office.

FOR SALE: Kenwood R-1000 general coverage rcvr $325. R390/URR plus speaker, complete, very good condition $325. Set of tubes and speaker/phones. Raul L. Martinez, 9205 SW 9th Terr., Miami, FL 33174 305 226-7492.

SELL: Brand new PL 5D22/4-250 boxed tube $15. Super boxer fan, 7 blades, 115 v.a.c. impedance protected by IMC Magnetics Corp, like new $10. 3 inch round 0-600 d.c. amps meter, full scale -- 50Mv, brand new $8. CDE Ham M ratetor, new control box and cable, excellent $75. Andy Clark W4-IYT, 41 Lenape Dr., Miami Springs, FL 33166 305 888-3874.

SELLING OUT: Yaesu FT-901DE $575. KDK-2036, 10W 2M FM $150. Mod. 28KSR teletype $90. IRL FSK-500 TU W/loop supply $175. Tektronix 585, 90 MHz scope with dual and single trace plug ins $350. KLM 10-90W 2M SSB-FM amp, new never used $130. URM-26B signal generator, 4-404 MHz, $100. Clipperton V SP, 2 meter 500W amp, 4CX250G, new $275. Steve Carson KE4MN, 2715 Sherrilane Dr., Cantonment, FL 32533 904 477-6298.

THANKS TO JOGGING, MORE PEOPLE ARE COLLASPSING IN PERFECT HEALTH THAN EVER BEFORE. . . K1GGP/4...

FOR SALE: COMPLETE PACKAGE ONLY. Drake TR-7/DR transceiver with digital freq read-out. Filters Drake SL500-SL1800 S16000, Aux board, NB-7 noise blanker, PS-7 power supply, MS7 external speaker, MN7 matching network, 7077 desk mike, TEN TEC KR50 Ultramatic Keyer plus all manuals. Rig excellent condx. All $1100. E.C. Watters WB4ZKV, 4042 Camellia Dr., Montgomery, AL 36109 205 272-9231.

HAPPINESS DOES NOT DEPEND UPON WEALTH, POSITION, OR POSSESSIONS. IT IS A STATE OF MIND SUBJECT TP MENTAL CONTROL. . . . . W4ELR. . . . .

FOR SALE: SP600 RX very good condx, with cabinet $140. Star 5 band SSB-CW TX, 100W output $75. Hamtronics converter, 2 M in 6M out $25. Want Clegg interceptor RX. Jerry Grizzell WD4KPW, 1703 Balmoral Dr., Clearwater, FL 335-16 813 461-3553 nites and weekends.

SELL: YAESU FT-101, HF transceiver $350. ICOM 22's with VIP 2 meter transceiver $110. GE progline 80 watt VHF (2 meter) Xcvr & rcvr, a.c. powered $50. manuals and accessories included. Jim Cunningham K4DEE, 1045 Fairway Dr., Winter Park, Fl 32792 305 678-2942.

FOR SALE: TS180S W/DFC, filters, VFO 180, SP 180, PS 30 power supply, with all manuals and boxs, little use, excellent condition $750. ICOM211 with RM-2. extra ,omt $450. 7400A never mobile, so no dents $185. New Yaesu filter XF-89HC $35. All prices firm and U ship UPS. WANTED: C.W. filter for 520S. S. Slonim, W2PD, 320 Rose St., Massapequa Park, NY 11762 516-541-2342.

PERISTENCE IS DETERMINED AND CONTINUTED EFFORT BACKED UP BY FAITH TO CARRY OUT A PLAN... W4ELR.

FOR SALE: Kantronics mini code reader, reads CW/RTTY/ASCI, like new $140. Carlos R. Hernandez K4CAG, 28440 SW 144 Ave., Homestead, FL 33033 305 247-5280 after 6pm.

Sell: Hy-Gain tri-bander beam (thunderbird) $75. TH3MKI. HRO W all wave receiver, a.c. & d.c. power supply, plus 9 HRO coil sets $275. Dentron GLT-1000 antenna tuner, never used, orig carton $160. Harold Blough W9SP, 13578 West Fowler Dr., Deltona, FL 32725 305 574-6587.

FOR SALE: UHF handheld-Motorola handi-talkie single channel w/PL. Presently on 462.7MHz simplex. Two units available with good NiCads in each and chargers. Alll for $525. or will sell singly. Dave Burger WB4MDY, 10030 SW 102 Ave-Road, Miami, FL 33176 305 595-4426.

NOTICE: Any Florida Club desiring Samples of FLORIDA SKIP to hand-out at club meetings, please let us know. We will send a goodly supply of back issues via UPS to hand-out to your membership. First come, first serve. Editor.

SALE: AEA Morse-baudot-ASCII 32-character reader with manual $75. Panasonic 16-station autodialler for telephone with PS and manual $25. C. Keith Street G3DKS/W4, 1399 Freeport Dr., Deltona, FL 32725 305 574-2414.

FOR SALE: Perfect Drake TR-7, continuous 0-30MHz, all modules, HD power supply, fans, 12 hours operating time, sacrifice $895. A. Bates W4SK, PO Box EG554, Melbourne, FL 32935 305 254-2600.

FOR SALE: SWAN 500CX SS16 with VOX, SWAN 508 VFO, SWAN 117XC PS. SWAN 250C, SWAN 1200X liner amp. $600. or best offer. Al Sabiston WA4DMY, 33A forest Dr. M.F.L. Leesburg, FL 32788 904 357-5975.

FOR SALE: COLLINS 32S1, 7583, 516F2, original boxes, manual, clean $499. Collins KWM2, PM2, Travel case, manuals $599. WANT: 30L1, Clipperton L, SB-220, L4B, L7, Crank-up-fold over tower. FTV-901R with 2-meter $275. mint. boxes, manual. YK-901 key board unused, box manual $99. Tower winch 115 V. new $300. sell $199. Atlas 215X digital readout, mobile mount, a.c. power supply $425. IC-720A, with notch filter, casade SSB filters, c.w. filter, mic, manual, box $799. CIR 5-band digital, synthesized 200 w. PEP solid state transceiver ASTRO-200A with c.w. filter, mic. matching a.c. supply, original boxes, manual, excellent $450. Measurements model-82 calibrated signal generator $99. WANT: Sweep generator HF, Spectrum analyzer, service monitor, TS120/130, IC730. ROBERT POHORENCE N8RT, 1532 SE Village Green Dr. Suite "N", Port St. Lucie, FL 33452 305 335-5545 or 305 878-7296.

ANY TRANSISTOR PROTECTED BY A FAST-ACTING FUSE WILL PROTECT THE USE BY BLOWING FIRST. . K8YUW...

GOT GOOD TREES? Dont buy a tower! Vert-A-Beam is here!! 2 element full length Yagis - no traps. Lightweight PVC and copperwire construction. Lucite insulators. Rotatable. XYL pleasing low profile. Great performance. VB-20 $38.00, VB-15 $30.00, VB-10 $25.00. WB-20/15 $45.00. VB-15/10 $35.00. You pay price plus UPS. M. G. Erickson WA4WAX, 1811 W Beresford Ave., Deland, FL 32720.

SALE/TRADE: TRS 80 model III, 48K, cassette, 232 installed, some programs. Complete Yaesu 901 DM station, Dentron MT-3000A tuner, Heath SB-200 amp. Wilson System 36 triband beam. Everything mint and too many details for ad. Write or call (no Collect). Looking for computer up-grade, computer interface system, ICOM amplifier. Lets talk. I'll be reasonable if you are. Cliff Decker N4ESO, 825 N.W. 116th Terr., Plantation, FL 33325 305 473-8012.

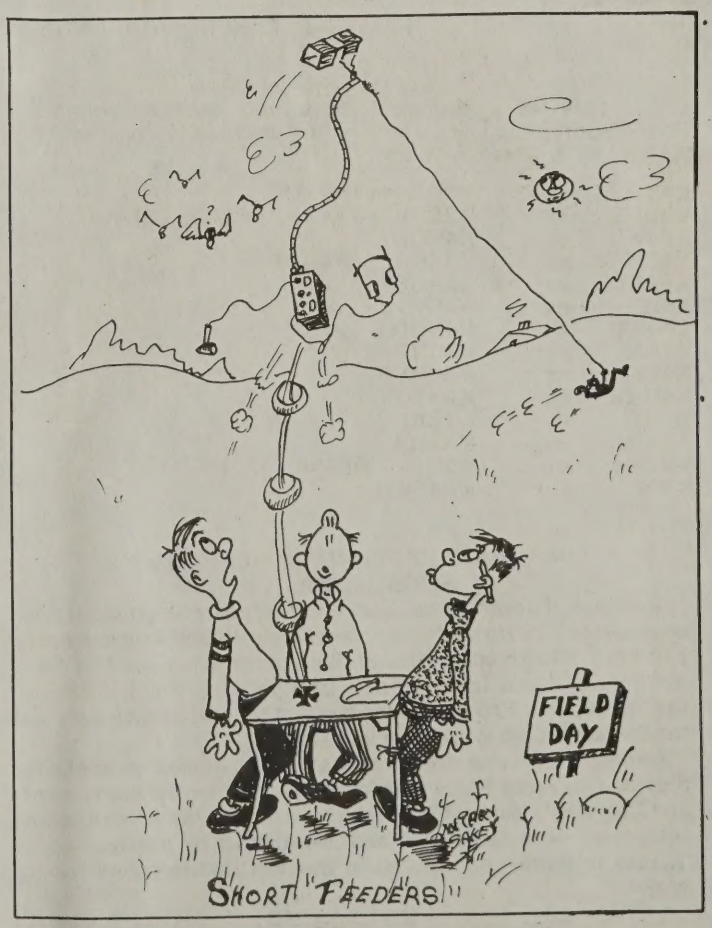
NOTICE: When does your amateur license expire? When have you looked at it last? Maybe its' already expired! We give one day service on FCC 610 forms. Send a SASE that means self addressed stamped envelope, No. 10 (business size) to Florida Skip, Box 501, Miami Springs, FL 33266 for your free form. Editor.

VWOA FORMING FLORIDA CHAPTER

By Bill C. Willmot, K4TF

The Veteran Wireless Operators Association (VWOA) is forming a Chapter in Florida. George Riley, W2KJJ, a former President and Secretary of the VWOA, is the guiding force behind the new chapter.

George recently moved to Florida and is in the process of settling in. He would like very much to hear from members of VWOA living in Flroida as well as potential members. The VWOA was founded in 1925 to acquaint the public with the work, traditions, and ideals of wireless operators and others engaged in the art of radio communications. One of its goals, from the beginning, has been to foster and extend an esprit de corps among wireless operators. Anyone interested in joining or learning more about VWOA and about the new Florida chapter should contact George. His address is: 1174 Scotten Street, Port Charlotte, Fl. 33952.



AMATEUR RADIO BAND CLEANUP INITIATED IN MIAMI, FLORIDA

The Federal Communications Commission announced today initiation of a special project to eliminate unauthorized use of the frequencies above, in and below the two meter Amateur Radio Band (144-148 MHz). The frequencies adjacent to the Amateur Band are assigned to other U.S. Government Agencies including the Civil Air Patrol and the U.S. Airforce.

Responding to complaints of interference to authorized communications, the Miami District Office has been conducting an intensive effort to locate these unauthorized stations.

A month's work culminated today when Commission staff from Miami and Ft. Lauderdale conducted inspections of several of the unauthorized stations. All of the stations inspected had been observed in operation for more than one day.

Notices of Apparent Liability to Monetary Forfeiture for $750.00 will be issued to each station inspected for Unlicensed Operation.

The Engineer in Charge of the Commission's Miami District Office, John L. Theimer, warned that today's action was just the start in eliminating this problem and that the Miami office will vigorously pursue the other Unauthorized Stations in this Frequency Band.

HUGE TRAFFIC SMASH UP IN OCALA INVOLVES ARES

Over 30 hams of the Marion County Amateur Radio Emergency Service (ARES) were activated by government officials to help provide communications in the aftermath of the second worst traffic accident in Florida history on February 5th.

A chain reaction collision on I-75 at the U.S. 27 exit caused 4 deaths and other complications as a large traffic jam resulted which tied up traffic for 15 miles on the interstate. The original cause of the collision was dense smoke from a roadside fire which reduced visibility. The Marion County Emergency Net was in session from 1400 until 2200 to help coordinate emergency operations.

(NOFARS -BALANCED MODULATOR)

E X C A L L S

They keep coming. Have you sent in yours? ? How about dropping it on your next SKIP renewal or HAMBAR ? ? Editor

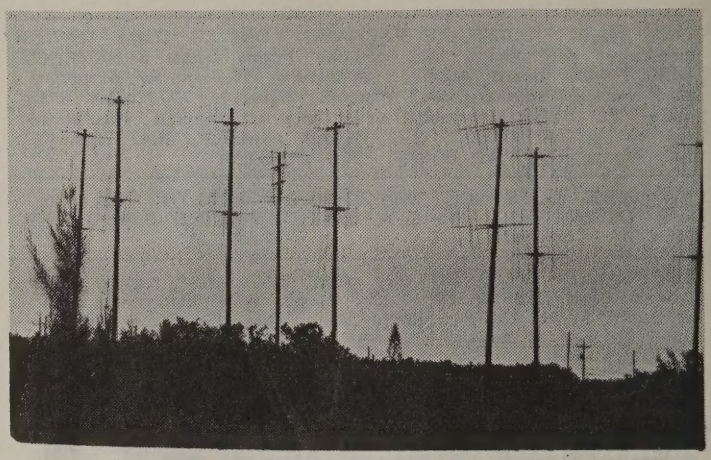
KA4MZZ	ex	W9OX (1918-37)
W4BUB	ex	W3BUB, W2AZR, W2SSP, DL4UG
KF4WU	ex	N4HQD
N4CMW	ex	KA4BAZ, W4MRP
KF4RI	ex	KA4UES
K4IK	ex	W4GRJ
KF4WU	ex	N4HQD
WN4K	ex	K3GHE
N4IWB	ex	WB4HYD
N4HRR	ex	KA4ZOV
K4JI	ex	W2LR, DL4LR
NY4M	ex	KA4ILJ
W4PFH	ex	W3DRJ, DL5PF, JA2PF
KF4IN	ex	KA4FKM

LOCAL HAMS PROVIDE COMMUNICATIONS & PUBLIC SERVICE

Members of several local ham clubs helped with public service communications for the Hank Stram Celebrity Golf Tournament on February 25th through 27th. Stations were established in three locations by hams to co-ordinate transportation and logistics for the tournament. Proceeds were donated to local agencies such as the Exchange Club to prevent child abuse.

Stations were established at Jax International Airport, the Sheraton St. Johns Place (headquarters hotel for the tournament) and Deerwood Country Club. Vehicles carrying the celebrities and equipment were dispatched and coordinated by amateur radio. Thanks to those who assisted in this worthwhile public service project.

(NOFARS BALANCED MODULATOR)



Interesting antenna farm? Where is it and which of you is using it? Write to Palm Beach ARC at Box 6834, West Palm Beach, FL 33405 with your answer. (Photo via WD4KSN)

ANTENNA GOES UP— HAM GOES DOWN! UNCLE AUGIE'S CORNER— ANTENNA-RAISING ACCIDENT

From RF Carrier

This ham is sitting at his desk answering a letter from his insurance company. I am writing in response to your request for addition information for block No. 3 on the accident reporting form. I put "poor planning" as the cause of my accident. You said in your letter that I should explain more fully and I trust that the following details will be sufficient.

I am an amateur radio operator, and on the day of the accident I was working alone on the top section of my 80-foot tower. When I had completed my work, I discovered that I had, over the course of trips up the tower, brought up about 300 pounds of tools and spare hardware. Rather than carry the now un-needed tools and materials down by hand, I decided to lower the items down in a small barrel by using a pulley, which fortunately was attached to the gin pole at the top of the tower.

Securing the rope at ground level, I went to the top of the tower and loaded the tools and materials into the barrel. Then I went back to the ground and untied the rope, holding it tightly to insure a slow descent of the 300 lbs. of tools. You will note in block No. 11 of the accident reporting form, that I weight only 155 lbs.

Due to my surprise of being jerked off the ground so suddenly, I lost my presence of mind and forgot to let go of the rope. Needless to say, I proceeded at a rather rapid rate of speed up the side of the tower. In the vicinity of the 40-foot level, I met the barrel coming down. This explains my fractured skull and broken collarbone. Slowed only slightly, I continued my rapid ascent, not stopping until the fingers of my right hand were two knuckles deep into the pulley.

Fortunately, by this time, I had regained my presence of mind and was able to hold onto the rope in spite of my pain. At approximately the same time, however, the barrel of tools hit the ground and the bottom fell out of the barrel. Devoid of the weight of the tools, the barrel now weighed 20 pounds. I refer you again to my weight in block 11. As you might imagine, I began a rapid descent down the side of the tower. In the vicinity of the 40-foot level, I met the barrel coming up. This accounts for the two fractured ankles and the lacerations of my legs and lower body.

The encounter with the barrel slowed me enough to lessen my injuries, when I fell onto the pile of tools and fortunately, only three vertebrae were cracked. I am sorry to report, however, that as I lay there on the tools, in pain, unable to stand, and watching the empty barrel 80 feet above me — I again lost presence of mind. I let go of the rope.

(From KEY KLIX-SANTA BARBARA AND K4QFM.)